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ABSTRACT

These two documents summarize the findings of the 1994 and 1995 rounds of the Technical Institute Information Technology Survey, which is conducted annually to gather information about a broad range of technology uses at Georgia's technical institutes. Both reports included the responses from all of Georgia's 33 technical institutes regarding their uses of the following: Georgia public television, satellite dishes, mobile rental dishes, cable television, closed circuit television, telephone company services, microwave towers, telelearning classrooms, mobile and/or fixed remote sites, fax services, loaner distance learning equipment, computerized keypad response systems, telephone registration systems, high definition television, virtual reality, desktop visual communications, computer networks, mobile equipment, and security systems. The 1994 report includes an overview of the survey results, a copy of the questionnaire on which the responses have been tallied, a data matrix of equipment at each institution, and a list of technical institute coordinators. The 1995 report includes a description of the study's purpose and methodology, 51 pages of tables and charts detailing the study findings, and a copy of the revised questionnaire. (MN)

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Information Technology Survey

Division of Educational Support Services

November 1994

Prepared for the Information Technology Committee of the Georgia Technical Institutes Presidents
Council by the Occupational Research Group at The University of Georgia.

SUMMARY OF SURVEY FINDINGS

The 1994 Technical Institute Information Technology Survey was developed by GDTAE Educational Support Services staff and technical support personnel at the technical institutes to update and expand the 1993 statewide Information Technology Survey. The survey questionnaire was distributed to all of the technical institutes in August 1994. Responses were received from a total of 33 institutions. Results of the survey were summarized and reported by the Occupational Research Group at the University of Georgia.

The purpose of this statewide survey was to collect comprehensive and up-to-date information about a broad range of technology uses at Georgia's technical institutes. Survey results will provide a base of information for the Presidents' Council Information Technology Committee to use in their planning and implementation activities.

The first part of this report summarizes the key findings and information within each of the 24 major sections of the survey, using narrative and graphic presentation of data. The second part provides further details about responses to each individual item in the survey questionnaire. A chart

at the end of the report summarizes data on major question categories for each technical institution to facilitate comparison across the state. A list of distance learning, satellite, and network coordinators at each technical institute also is included.

Due to the complexity and level of detail of information requested in the questionnaire, the interpretation of questions and completeness of answers by the respondents varied widely. Lack of consistency in response format may limit the conclusions that can be drawn from this data.

I. Georgia Public TV

The overwhelming majority of technical institutes do not utilize the services of GPTV. Of the four that did reply yes to this question, a variety of GPTV programs were mentioned. None are utilizing any specific GPTV production services.

Do you utilize the services of GPTV?



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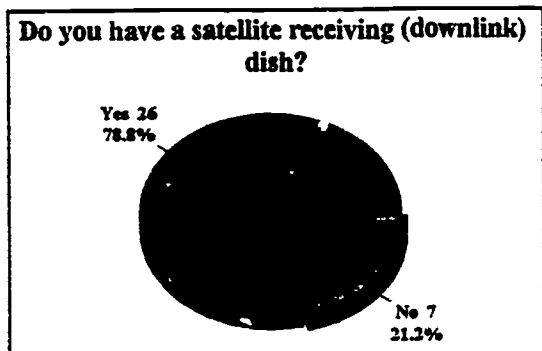
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II. Satellite Dishes

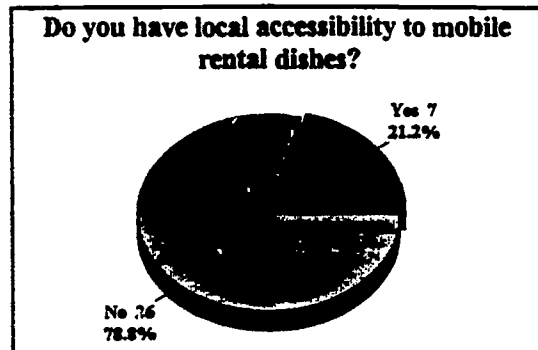
An overwhelming majority of respondents currently have satellite receiving dishes (downlink capability).



Approximately half of the technical institutes own or use one dish. Approximately one-third of the dishes are fixed. Roughly half the dishes support a single band, with C and KU bands mentioned most frequently. There is a wide variety of manufacturers who have provided equipment to the technical institutes; no single supplier has dominated sales to Georgia technical schools. The date of acquisition for dishes ranges from 1981 to 1994 and roughly one-third of the dishes were purchased during calendar year 1994. No schools have origination or uplink capability.

III. Access to Mobile Rental Dishes

Most technical institutes do not have access to rental equipment. Where accessibility is present, only two schools have made use of the opportunity to rent a dish. An annual rental fee of two hundred dollars (\$200) was cited by one school.

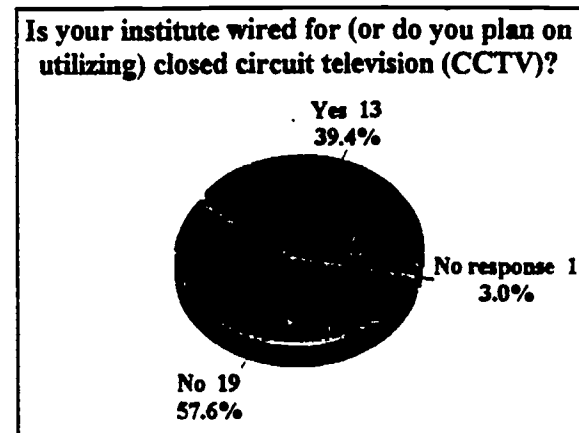


IV. Cable Television (CTV) Availability

All but one of the technical institutes have CTV available in their service area. A wide variety of CTV vendors are located in home or nearby municipalities, and while no one company dominates, TCI was mentioned most frequently. Roughly half of the schools purchase cable television service but only one of the schools reported using the educational channel for instruction. A total of thirty-six (36) buildings across the state are wired for CTV and approximately fifty (50) classrooms have access to CTV programming. All of the schools use coaxial wiring.

V. Closed Circuit Television (CCTV)

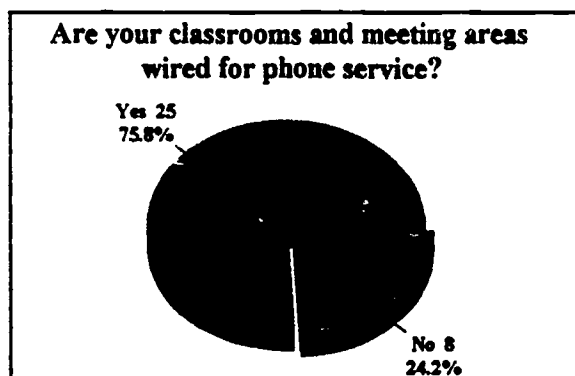
About one-third of the technical institutes are wired for or plan on using Closed Circuit Television (CCTV).



Of these schools, half reported that none or only one of their buildings, and a third reported that none of their classrooms, are currently serviced with CCTV. However, three schools have all classrooms and five have all buildings serviced with CCTV. The number of office areas and conference rooms that utilize CCTV vary from one to 5. The majority identified coaxial as the type of wiring that is used. Of the schools wired for CCTV, most have or intend to have a school television station or broadcast studio and all want to interface the Video Distribution System with PCs or a network. The rooms most frequently identified that will have a display device were classrooms and conference rooms, followed by auditoriums, lecture halls, offices, cafeterias, staff rooms and kiosks. Respondents varied in the quantity of devices needed in each location.

VI. Telephone Company

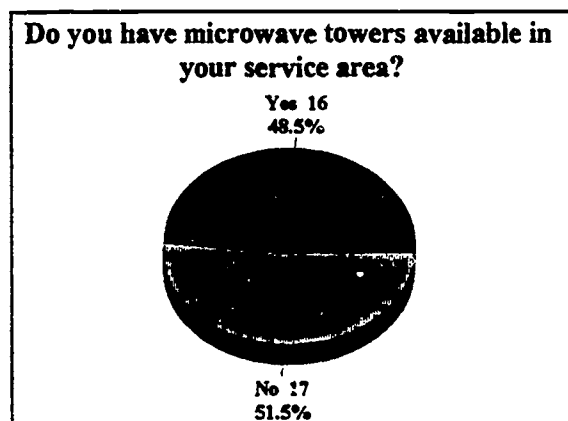
Half of the respondents identified Southern Bell, or Southern Bell/DOAS as the telephone companies that provide them service. Also identified by more than one respondent was Alitel. The remaining respondents identified 11 different companies. Almost all the respondents noted that twisted pair copper was the wiring being used in their institute and most reported that their classrooms and meeting areas were wired.



Half of the respondents reported that 2 - 6 rooms were wired, primarily with twisted pair copper. Over a third noted that they did not have Data Path software nor a Dax Computer available at their central telephone office. The remaining responses were about equally divided between having the software and computer and not knowing if they did.

VII. Microwave Towers

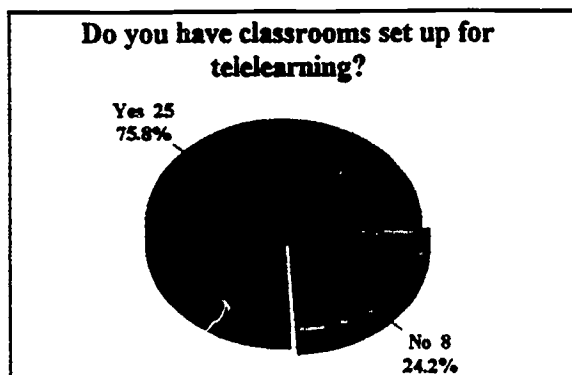
Responses were split about evenly regarding the availability of microwave towers but only one stated they actually use them. The respondent who uses the tower does so for beepers and cellular phones.



VIII. Telelearning Classrooms

Seventy-five percent of respondents have at least one classroom set up for telelearning, and the specifications for equipment vary. More than half of the respondents identified either CLI, GSAMS, Shure 6300 Audio System, or Chapparrell as specifications for video reception equipment. Half of those responding identified either CLI, GSAMS, or Shure 6300 Audio System as specifications for

video transmission equipment as well as for audio reception equipment. The majority of responses for audio and video transmission equipment specifications identified either CLI, Shure 6300 Audio System, or GSAMS. The remaining responses for each type of equipment varied to a great extent.



IX. Mobile Classroom or Fixed Remote Sites

Nearly three-quarters of the technical institutes do not have either mobile or fixed remote sites. Those who do have them, use them primarily for adult literacy and economic development. Both trailers and fixed (e.g., satellite) centers were mentioned. One school is using wire linkage, another is using a satellite dish and a third institution uses both wire and satellite linkage.

X. FAX Service

All technical institutes have FAX service to their institution. The total machines in service for all TIs is 92 with two being the most common number reported by each. The Highest number reported is eight (one institution) and the next most frequent numbers are three and four (five institutions each). Machines manufactured

by Omnifax are the most common, Toshiba next, followed by Hewlett Packard and Muratee. Eighteen of the FAX machines are in use in classrooms, and in most cases at the Distance Learning Center. Nineteen of the technical institutes are able to FAX directly from computers. Only six utilize pooled FAX services.

XI. Loaner Distance Learning Equipment

Only one technical institute has loaner distance learning equipment for individuals or groups. The type of equipment being used is "basic State of Georgia setup". Installation and training is provided by: John Wilkinson and Vielka Griffis.

XII. Computerized Keypad Response System

Only two technical institutes reported having a computerized keypad response system. The system specifications are those of "Hypergraphics Hardwired Keypads" and the system serves one classroom.

XIII. Telephone Registration System

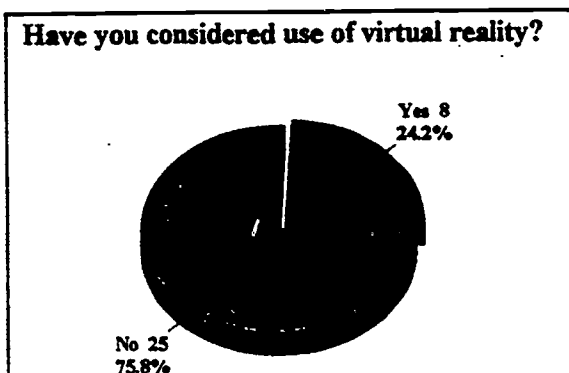
None of the technical institutes currently use a telephone registration system.

XIV. High Definition Television (HDTV)

Only one technical institute uses high definition television. At this site it is a projection type used in telelearning, conferences and staff development.

XV. Virtual Reality

Only a small number of technical institutes have considered the use of virtual reality for instruction, orientation or information purposes. Most indicated that they were not sure what was available.



XVI. Desktop Visual Communications (DVC)

For those few institutions considering the use of desktop visual communications, the system mentioned most often was Picturitel. A variety of possible uses were identified, including conferences, instructing small numbers at each location, meetings, interviewing job applicants, recruitment and training.

XVII. Data

The most frequently used networks at the technical institutes were Peachnet and Internet, with two-thirds using or planning to use these networks. Only two are or will be using ISDN, one is using SMDS, and none were using ITSF.

The most frequently cited LANs (local area networks) now or soon to be in place were Token Ring and Ethernet. All but

one of the technical institutes will have computers in the classrooms. The numbers of computers predicted for each school ranged from a high of five-hundred to a low of one. The average number was 134, and most schools reported a number between one and two hundred computers in classrooms. The number of computer labs ranged from one to twenty, with half of the schools having from 3 to 8 labs.

Practically everyone was interested in having Barcode Readers. About one-third wanted only one; others wanted from 2 to 12 barcode readers. The most frequently mentioned uses for Barcode Readers were for inventory, bookstore, library and student records. Regarding the computer platforms the TIs will be using, the majority of respondents indicated that they would be using IBM, RISC/6000, Unix, Apple/MacIntosh or MS-DOS. The application software used by the technical institutes ranged widely. Lotus (versions 2.2-4.1), Microsoft office applications, WordPerfect (version 5.1 most often), and dBase (version IV most often) were the most commonly used application software.

Licensing control varied from school to school, both in terms of efficiency and sophistication. Many controlled licensing through central control of purchasing and distribution, site licenses, or network server restrictions.

IBM and IBM compatible computer hardware was listed most often as the hardware model of choice for the technical institutes. The quantity of IBM/Compatibles in use at each school ranged from 6 to 410, with 150 and 200 reported most frequently. Apple/MacIntosh was used next most

often, in quantities ranging from 1 to 50 per site, with the range of 2 to 10 most common. Multi-Media hardware (primarily IBM, some RISC) were listed next most frequently, ranging in quantity from 2 to 200 per school, with 20 machines most common. No schools reported using Next hardware, and only one school is using Sun and Tandy models.

Responses to a question concerning implementation of potential new hardware ranged widely. All of the technical institutes were interested in having more and better equipment: over half of the schools indicated a desire for more personal computers, and more than one school indicated an interest in high availability computer systems, routers, electronic media distribution, imaging equipment, and multimedia.

A majority of the TIs reported that their data network would be integrated with the Integrated Information System and two said it would run parallel. Four schools were not familiar with the Integrated Information System.

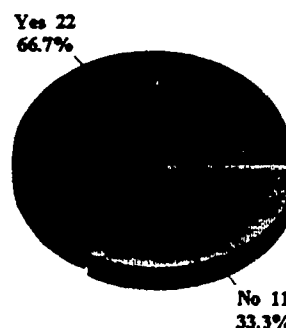
Regarding printers used by the TIs, both IBM and Hewlett Packard printers were cited most frequently, both in terms of quantity and variety of models, but Panasonic and Epson were also listed a number of times. IBM dot matrix and laser printers, and the HP laser models were identified most often. The type, RAM disk size, and number of servers ranged widely, with IBM the most widely used type and the IBM AS/400 used more than any others. Server ram varied from 4 mb to 500 mb, with 8 and 16 mb most common. Server disk size varied from 10 mb to 6 gb, with 240 to 500 mb most

common. A total of 70 servers were reported by technical institutes, averaging 2 to 3 per school

When it came to type and version of network software, Novell was the clear leader, with AIX and IBM the next most commonly used.

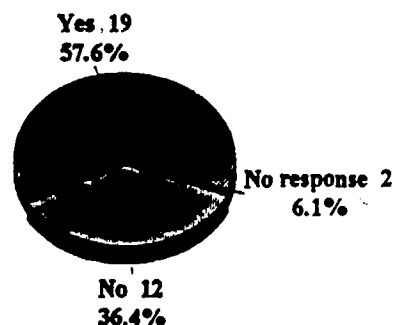
Two-thirds of the technical institutes are using fiber in their network. Building-to-building and backbone were the most common locations for fiber networks; two schools reported the use of fiber between hubs.

Are you using fibre in your networks?



Over half of the technical institutes are using a data backbone. The types of data backbones listed varied, with fiber being the most frequently cited, and Token Ring being the next most common.

Are you using a data "backbone"?

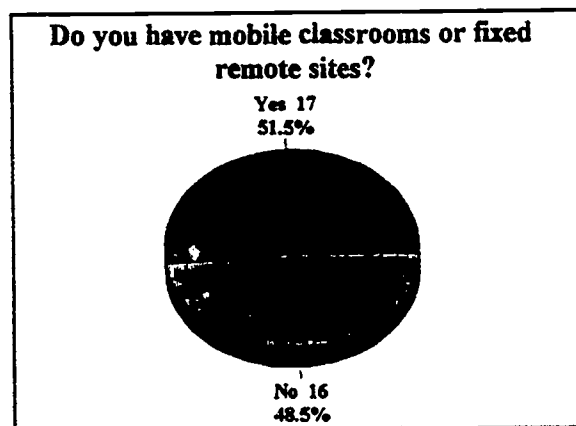


XVIII. General Building Characteristics

All but six of the responding technical institutes described themselves as multiple (vs. single) building structures. Only six schools reported having new (vs. existing) facilities.

The maximum distances from the media center to the furthest location on campus varied from 200 to 3600 feet. The most frequently reported distance was 1000 feet.

Half of the technical institutes had mobile classrooms or fixed remote sites.



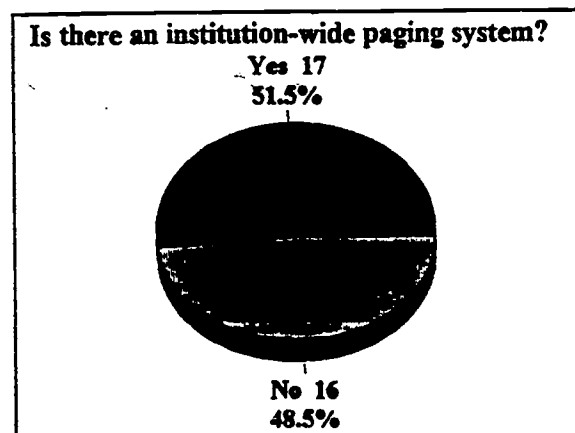
The most common type of mobile classroom/fixed remote site was the mobile home-style trailer, and the most common method of connecting the sites was through the use of telephones. Some of the classrooms/sites were in place but not yet connected. Of the multiple buildings set up, half of the schools (9) had a conduit existing. Conduit size varied from two to four inches, and the number of conduits was from one to three.

XIX. Cable

Most of the technical institutes desired a fiber-optics infrastructure, with a smaller number desiring coaxial. The existing cable plants inside ranged widely, with fiber, shielded twisted pair, coax and copper identified most often. The existing cable plants outside mostly consisted of fiber for those schools who had it. The most frequently reported type of data cable levels or grades were type one, CAT five, and level five, as well as many other levels and/or grades. Two and four cable pairs to each station were the most common number of pairs reported. A majority of the schools reported that they did have plenum ceilings.

XX. Sound

Half of the technical institutes reported the existence of an institution-wide paging system.



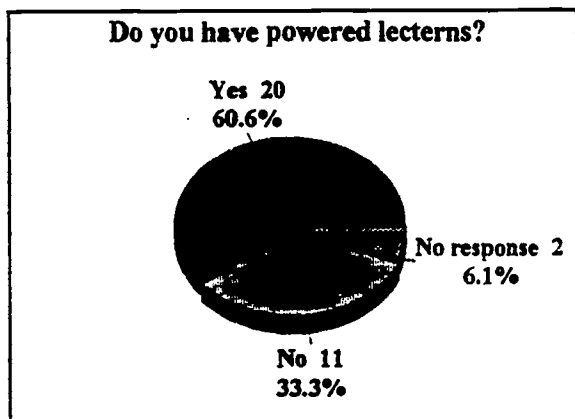
Types varied from room-to-room, intercoms, PA's, and telephone intercoms. The number of rooms or zones and the type/number of speakers varied as well, with no one response being alike. Only

eight of the schools reported having outdoor speakers.

Most did not have portable sound systems. Of the schools that reported having portable sound systems, four used them for special occasions, and others as a PA system or for small group presentations. Two-thirds of the technical institutes do not have permanently installed engineered systems.

Several schools reported problems with reaching employees in the institution, although six said there were few or no problems in this area. Some schools explained that the lack of paging or intercom systems or limited phone access made it difficult to locate people.

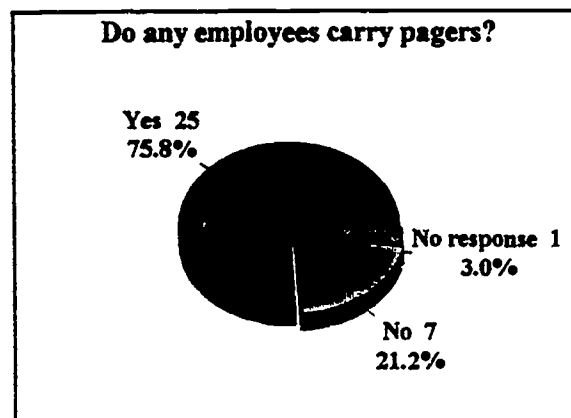
Nearly two-thirds of technical institutes responded that they did have powered lecterns. The type of powered lecterns listed most often was a portable system; other models varied.



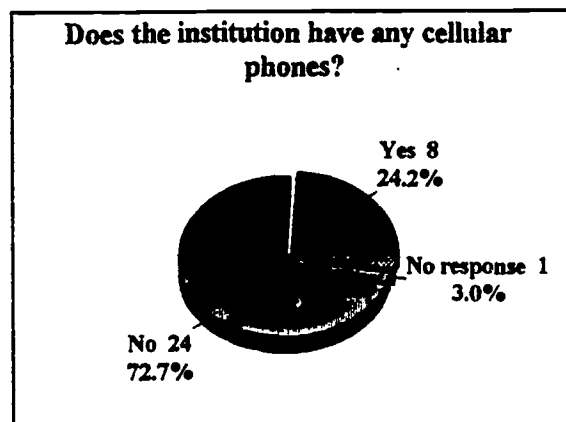
XXI. Mobile Equipment

Over two-thirds of technical institutes had employees who carried pagers. The number of employees ranged from one to

thirty five, with most having four or five employees such as the president, maintenance or continuing education using pagers on a campus, regional or statewide basis.



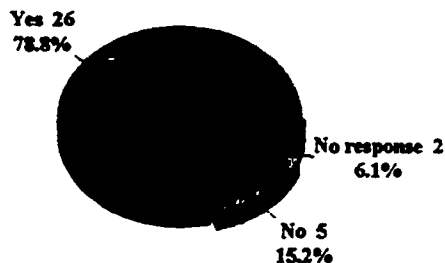
Fewer institutions (8) had cellular phones and most of these had only one phone. These were used for president's travel, access in buildings without phones, and in a commercial truck driving program.



Nearly all technical institutes indicated a need for remote access to computer services. A variety of reasons were given, including needs for e-mail access from home and off-campus, working at home after hours or out of town/ traveling,

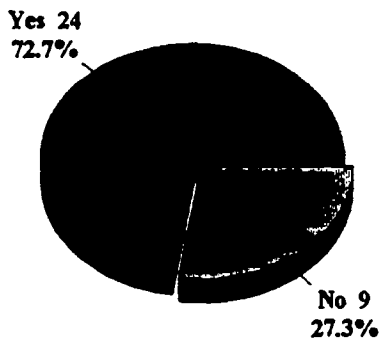
ouble-shooting computer system, remote registration, to conduct business when off-campus, and for communication, data access and computer system administration.

Do any employees need to access computer services (e-mail, word processing) remotely?



Two-thirds of the technical institutes have a technology committee. Membership varies from four to fifteen and includes primarily administration and faculty, with representation by students, staff and technical support personnel on many committees.

Do you have a technology committee at your institution?

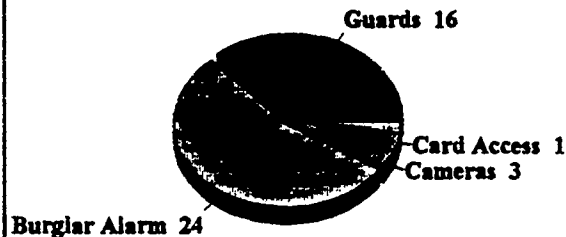


XXII. Security

Only three technical institutes had no security system. All others had either guards and/or burglar alarms. Several had

cameras and one had card access.

What kind of security system do you have?



Some TI's had more than one kind of security system.

Guard services were provided by a mix of private agencies and individuals, institutional employees, and local/county security personnel. The numbers of guards varied from one to six, full- and part-time, day and evening. All institutes with guard services covered the campus from early morning through late afternoon, and many also had evening coverage. Only one had 24 hour guards. None used rounds clocks.

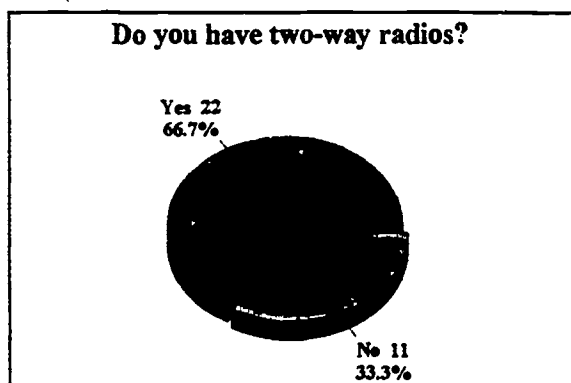
Burglar alarm systems used by the technical institutes primarily included UL certified devices on doors and/or motion detectors. Zones protected by alarms varied from one to sixty-five. More than half did not have complete perimeter protection, but a majority had their systems monitored by local law enforcement, private agencies, or employees. The majority of schools indicated that separate areas are accessible without disarming the entire system, and that they do have high security areas protected by motion detectors, locks, alarms, guards, local police, vaults or lights.

Most technical institutes do not use video surveillance or time lapse recorders. High security areas mentioned by institutes included mostly business and records offices and computer labs. Few were interested in tracking the location of employees.

General security problems mentioned were mostly petty theft and vandalism of school or personal property, but this did not appear to be a serious or frequent occurrence in most schools. A quarter of respondents reported no security problems.

XXIII. Two-Way Radios

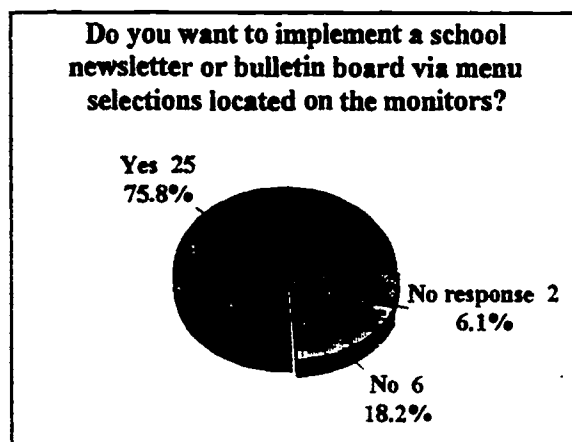
Two-thirds of the technical institutes have two-way radios.



Most radios are Motorolas, with models HT90 and HT600 most common, though a variety of other models were identified. The respondents reported having from one to 11 radios each. Only nine had base stations and five had base towers transmitting from a half mile to 50 miles. Most common usage was to communicate with maintenance, security and administrative personnel and for traffic control. No schools have telephone patch capabilities and only one has a repeater.

XXIV. School Newsletter/Bulletin Board by Video Monitor

The majority of technical institutes (24) expressed an interest in implementing a school newsletter or bulletin board using menu selections located on monitors.



The most frequently identified equipment needed to do this was a) computers, b) CD-Rom, c) VHS/S-VHS, and d) laser discs. Types of mediums currently being used by many of the schools included VHS, CD-Rom, Laser Disc and 33mm Slides; medium used least often included 16mm Film, 33mm Filmstrip, Still Video and CD-I. (pie)

Schools were split on their interest in using wireless keyboards to access information at the media center. Those schools interested in this technology mostly wanted widespread access throughout campus. A third of respondents were not interested and others wanted more information.

All but three of TIs responding wanted computer information displayed on large monitors and the areas most often mentioned were student centers and

throughout campus. Responses to the need to broadcast between rooms on campus varied widely. Twenty percent had no interest. Others wanted to broadcast throughout campus, particularly in classrooms, as well as among distance learning sites.

**TECHNICAL INSTITUTE
INFORMATION TECHNOLOGY SURVEY**

I. DO YOU UTILIZE THE SERVICES OF GEORGIA PUBLIC TELEVISION (GPTV)?
YES 4 NO 29

- A. GPTV Programs utilized:**
NOVA & Scientific American Frontiers; GED on TV; literary programs by library personnel; satellite teleconference service
- B. GPTV production services utilized:**
1. Studio: N/A (4)
 2. Location shooting: N/A (4)
 3. Reproduction: N/A (4)
 4. Technology resource: N/A (4)
 5. Other: N/A (3)

II. DO YOU HAVE A SATELLITE RECEIVING (DOWNLINK) DISH?
YES 26 NO 7

- A. Number of satellite dishes:** 1 dish (12); 3 dishes (3); 2 dishes (8); 4 dishes (3)
- B. Type of dish(es):**
- | | |
|-------------------------------------|--|
| Dishes described by material: | metal mesh (2); fiberglass |
| Dishes described by mat. & size: | metal, size: 3.7 meter 7'; 8'; 13' dia's. (3) 1.8 meter dia. 3.7 meter dia's. (2) |
| Dishes described by bandwidth: | KU only (2) C & KU (3) |
| Dish described by bandwidth & size: | 3 meter, C & KU bandwidth |
| Dish described by mobility: | steerable dishes; 1 fixed dish (2) |
| Dish described by manufacturer: | dish made by Channel Master |
| Information not known: | no answer (6) |
- C. Fixed or Steerable:** fixed (14); steerable (26); unknown (2)
- D. Band:**
- | | | |
|-----------------|-------------|-------------|
| 8-12 G Hz | Channel 21 | CU only |
| C band only (2) | Channel | KU only (4) |
| C & KU (12) | CU & KU (3) | unknown (6) |
- E. Manufacturer:**
- | | | |
|----------------|-------------------------|--------------------|
| Channel Master | GE | Maralita |
| Chaparral (4) | General Dynamics | Scientific Atlanta |
| Drake Frodelin | General Instruments (2) | unknown (14) |
| Echostar | | |

F. Date of Acquisition:

| | | |
|-----------|----------|--------------------|
| 1994 (12) | 1990 (2) | 1984 |
| 1993 (2) | 1989 (2) | 1981 or before (2) |
| 1992 (4) | 1987 | unknown (6) |
| 1991 | | |

- G. Do you have origination (uplink) capability?** YES _____ NO 33
1. **Type of dish:**
 2. **Manufacturer:**
 3. **Date of acquisition:**

III. DO YOU HAVE LOCAL ACCESSIBILITY TO MOBILE RENTAL DISHES?

YES 7 NO 26

- A. Renter:** unknown (3)
Vendors: Jimmy's Satellite; Sanders Electronics; Bankston Communications; Bell TV and Electronics
- B. How frequent do you utilize:** never (4); rarely (2); N/A
- C. Cost per year (average):** \$200; N/A (6)

IV. DOES YOUR SERVICE AREA HAVE CABLE TELEVISION (CTV) AVAILABILITY?

YES 32 NO 1

A. CTV company servicing your area:

| | |
|-------------------------|-------------------------------|
| Battlefield Cable | Northland Cable of Statesboro |
| Cablevision of Savannah | Peachstate |
| Community Cable | Peachtree Cable (2) |
| Cox Cable (2) | Rentavision of Brunswick |
| Falcon Cable | Southland |
| Gainesville Cablevision | Scripps Howard |
| GCTV | TCI (8) |
| Insight Cable | Thomaston Cablevision |
| Jones Intercable | Unknown (2) |
| Kennedy Cable | Watson Cable |
| Newvision Cable | Waycross Cable Co. |
| | Wometco |

B. Do you have CTV service to your institute?

YES 17 NO 16

1. How many buildings are serviced with CTV and percent?

| | | |
|------------------------|-------|-------------|
| # of Buildings: | | |
| 1 (7) | 3 (2) | 12 |
| 2 (3) | 6 | |
| % of Buildings: | | |
| 1 | 75 | 100 (5) |
| 25 | 95 | unknown (3) |
| 50 (2) | | |

2. How many classrooms are serviced with CTV?

of Classrooms:

| | | |
|-------|--------|-------------|
| 0 (2) | 5 | all (2) |
| 1 (3) | 10 (2) | unknown (5) |
| 2 | 30 | |

% of Classrooms:

| | | |
|-------|----|-------------|
| 0 (2) | 20 | 100 (2) |
| 5 | 50 | unknown (5) |
| 15 | 60 | |

3. What type of wiring is utilized (coaxial or fiber optics)? coaxial (100%)

C. Do you utilize the Educational Channel of your CTV provider?

YES 2 NO 22

1. By providing tapes: 1 course
2. By originating programs on campus:
3. Head-in broadcast on campus:

V. IS YOUR INSTITUTE WIRED FOR (OR DO YOU PLAN ON UTILIZING) CLOSED CIRCUIT TELEVISION (CCTV)?

YES 13 NO 19

A. How many buildings are serviced with CCTV?

| | | |
|-------|-------|----|
| 0 (4) | 3 (2) | 9 |
| 1 (2) | 6 | 12 |
| 2 | | |

% of buildings?

| | | |
|-------|----|---------|
| 0 (2) | 50 | 100 (5) |
| 15 | 95 | |

B. How many classrooms are serviced with CCTV?

| | | |
|-------|--------|-----|
| 0 (4) | 15 (2) | 30 |
| 3 | 16 | all |
| 10 | | |

% of classrooms?

| | | |
|-------|--------|---------|
| 0 (2) | 10 | 100 (3) |
| 5 | 50 (2) | |

C. How many office areas and conference rooms are serviced with CCTV?

| | | |
|---|---|---|
| 1 | 3 | 5 |
| 2 | 4 | |

% of areas?

| | | |
|-------|------|-----|
| 0 (5) | 5-10 | 50 |
| 5 | 30 | 100 |

D. What type of wiring is utilized (coaxial or fiber optics)?
coaxial (6); fiber (3); type I twisted pair copper

E. Video Distribution and Presentation Systems

1. Do you have or intend to have a school television station or broadcast studio?
yes (10); no (6); need in room with distribution cap
2. Do you want to interface the Video Distribution System with your PC's or a network?
yes (13); no (2); integrate with wireless keyboard not off the network; already is

3. How many locations will have a display device (monitor)?
- | | | | |
|------------------|----|----------|---|
| a. Classrooms | 14 | Quantity | 10; 15; 20 (3); 27; 30 (3); 40; 60; several |
| b. Lecture Halls | 10 | Quantity | 1 (3); 2; 4 (2); 9 |
| c. Gymnasium | | Quantity | |
| d. Cafeteria | 7 | Quantity | 1 (5); 4 |
| e. Staff Rooms | 6 | Quantity | 2; 3; 4; 5; 12 |
| f. Conference | 14 | Quantity | 1 (6); 2 (2); 3; 4 (4) |
| g. Auditorium | 11 | Quantity | 1 (5); 2 (3) |
| h. Kiosks | 6 | Quantity | 1 (2); 2; 10-20 |
| i. Offices | 9 | Quantity | 1; 2; 5; 25; 40; 50 (2) |
| j. LGIA | | Quantity | |
| k. SGIA | | Quantity | |
| l. hallway | 1 | Quantity | 6 |

VI. WHAT TELEPHONE COMPANY PROVIDES SERVICE TO YOUR INSTITUTE?

| | | |
|---------------------|-------------------------|--------------------------|
| Actel/Southern Bell | DOAS Telecommunications | Southern Bell/Bell South |
| Alltel (3) | GTE/Alltel | Standard Telephone |
| AT&T/GIST | Southern Bell (12) | Statesboro Telephone |
| Bell South | Southern Bell/DOAS (4) | TIE Systems |
| DOAS/GIST | Southern Bell/AllTel | |

- A. What type of wiring comes into your institute (twisted pair copper or fiber optics)?
twisted pair copper (32); fiber optics (3)

- B. Are your classrooms and meeting areas wired for phone service?

YES 25 NO 8

1. How many are wired?

| | | |
|----------|--------|---------|
| 2 (5) | 6 | 50 |
| 3 (2) | 10 | 60 |
| 4 | 12 | all (4) |
| 5 | 34 | |
| % wired? | | |
| 4 | 17 | 75 |
| 5-10 | 33 (2) | 98 |
| 15 | 60 | 100 (9) |

2. What type of wiring is utilized (twisted pair copper or fiber optics)?
twisted pair copper (24); fiber optics; 4 and 8 conductor copper

- C. Do you have Data Path Software available at your central telephone office?
yes (6); no (13); unknown (6)

- D. Do you have a Dax Computer available in your central telephone office?
yes (6); no (12); unknown (7)

VII. DO YOU HAVE MICROWAVE TOWERS AVAILABLE IN YOUR SERVICE AREA?

YES 16 NO 17

- A. Do you utilize microwave towers? YES 1 NO 23

1. How often? looking at wire cable systems

2. Purpose? beepers and cellular phones; instructional, credit and non-credit

VIII. DO YOU HAVE CLASSROOMS SET UP FOR TELELEARNING?

YES 25 NO 8

A. How many classrooms?

| | | |
|------------------|-------|-------|
| 1 (14) | 4 (3) | |
| 2 | 10 | |
| % of classrooms? | | |
| .05 | 3 | 5 (3) |
| .3 | 3.3 | 40 |
| 2 | | |

B. What are specifications for video reception equipment utilized?

| | | |
|-----------------------------|----------------------------|-------------------|
| 3.7 meter antenna | do not understand question | Scite multiplexor |
| 19" to 24" TV monitors | DOAS 50 MHR | Shure 6300 Audio |
| 30 frames/sec. | GSAMS (3) | System (2) |
| CAVT and Overair | GSAMS-Distance Learning | state room |
| Chapparrell (for satellite) | (Radiance System) by CLI | provided by |
| (2) | NTSC based | DOAS CLI-TI |
| CLI (9) | PAL Compatible | T-1 Network |
| CLI Gallery II | RS-170A based Standard | |
| CLI Radiance System | satellite dish | |

C. What are specifications for video transmission equipment utilized?

| | | |
|-----------------------------|-------------------|------------------|
| 19" to 24" TV monitors | DOAS 50 MHR | Shure 6300 Audio |
| 30 frames/sec. | GSAMS (3) | System (2) |
| Chapparrell (for satellite) | NTSC based | state room |
| CLI (8) | NTSC-PAL | provided by |
| CLI Gallery II | PAL Compatible | DOAS CLI-TI |
| CLI Radiance System | RS-170A | T-1 Network |
| do not understand | Scite multiplexor | |
| question | | |

D. What are specifications for audio reception equipment utilized?

| | | |
|-------------------------|-------------------|------------------|
| 19" to 24" TV monitors | do not understand | RS-170A |
| 64K | question | Shure 6300 Audio |
| CAVT and Overair | DOAS 50 MHR | System (3) |
| Chapparrell (satellite) | GSAMS (3) | state room |
| CLI Gallery II | NTSC based | provided by |
| CLI Radiance System | NTSC-PAL | DOAS-CLI-T1 |
| CLI (8) | PAL Compatible | |

E. What are specifications for audio transmission equipment utilized?

| | | |
|------------------------|----------------------------|------------------|
| 1 lavalier mic | CLI Radiance System | Shure 6300 Audio |
| 4 ceiling mics | CLI (7) | System (3) |
| 19" to 24" TV monitors | do not understand question | state room |
| 64K | DOAS 50 MHR | provided by |
| CLI Gallery II | GSAMS (3) | DOAS-CLI-T1 |

IX. DO YOU HAVE MOBILE CLASSROOMS OR FIXED REMOTE SITES?

YES 7 NO 24

A. What type and how many?

Adult Education Facility, Industrial Training Center, and Douglasville Center - July 1995
Cordele Center
economic development utilizes mobile labs (primarily computers)

fixed and remote for adult literacy: 2 in Houston County, 2 in Peach County, 1 in Pulaski County, and 2 in Dooly County for a total of 7
fixed remote site (2)
Milledgeville Satellite Center
numerous adult literacy sites in our service area trailers (4)

B. Are they utilizing wire or a satellite dish?

yes, both; no (5); wire; satellite dish - Perry and Unitila

X. DO YOU HAVE FAX SERVICE TO YOUR INSTITUTE?

YES 33 NO

A. How many FAX machines do you have and what type?

of machines?

| | | |
|--------|-------|---|
| 1 (5) | 4 (6) | 6 |
| 2 (12) | 5 | 8 |
| 3 (6) | | |

type of machines?

| | | |
|--|---------------------|-------------------------|
| 2 external & 2 FAX boards in computers | Muratee F-70 (2) | Ricoh |
| Canon Fox-L770 | Omnifax G55 | Sharp |
| Group III | Omnifax L46 (2) | Sharp NX-174 |
| Hayes FAX Modem (2) | Omnifax (7) | Toshiba |
| Hewlett Packard (3) | Omnifax L45 | Toshiba Thermal |
| Muratee F-50 | Omnifax L42 | Toshiba Plain Paper (2) |
| | plain paper FAX (2) | variety |
| | regular FAX | Xerox |

B. How many FAX machines do you have in classrooms and where?

| | |
|-------------------------------|-------------------|
| Distance Learning Center (12) | Library Office |
| IOT, Secretarial Science | Room 334, Omnifax |

C. Can you FAX directly from computers? YES 19 NO 14

D. Pooled FAX services? YES 6 NO 25

XI. DO YOU HAVE LOANER DISTANCE LEARNING EQUIPMENT FOR INDIVIDUALS OR GROUPS?

YES 1 NO 31

A. What type of equipment is available? basic State of Georgia setup

B. Who installs and trains user? John Wilkinson / Vielka Griffis

XII. DO YOU HAVE A COMPUTERIZED KEYPAD RESPONSE SYSTEM?

YES 2 NO 31

- A. What are the system(s) specifications? Hypergraphics Hardwired Keypads
B. How many classrooms are served? 1

XIII. DO YOU HAVE A TELEPHONE REGISTRATION SYSTEM?

YES _____ NO 32

- A. What are the system(s) specifications?
B. How long have you utilized this system?
C. How many students (per year) register on this system _____ and what % is that of total registration (per year) _____?

XIV. DO YOU UTILIZE HIGH DEFINITION TELEVISION (HDTV)?

YES 1 NO 32

- A. What type? projection
B. In what capacity or purpose? telelearning/conference/staff development

XV. HAVE YOU CONSIDERED USE OF VIRTUAL REALITY?

YES 8 NO 25

- A. What system?
considered, don't use high tech graphic games unsure
currently for the concept of whatever the state
don't know virtual reality approves
don't know what is in house (nothing
available available at present)
- B. What capacity or purpose? instruction; education, orientation; introductory information

XVI. HAVE YOU CONSIDERED USE OF DESKTOP VISUAL COMMUNICATIONS (DVC)?
considering, yes

- A. What system?
C-phone high tech graphic games for Picturatel (5)
conferences and instructing the concept of virtual whatever the state
small numbers at each reality approves
location IBM PS/2 TV yes-don't know
Demo Proshare Live 1000 what is available
Fast Video PC 100
- B. In what capacity or purpose?
desktop to integrate total system recruitment, advertisement, and educational
instruction training
introductory information single user point-to-point
LAN to link presidents together
meetings in and out-of- state to interview out-of-state job applicants
point-to-point, conferencing used for teleconferencing by the institute presidents

XVII. DATA

A. Please indicate your use of the following:

1. **Peachnet?** *Yes (15); No (10); Soon (5)
 *As vehicle to get into DOAS communications
 *E-mail
 *ERIC
 *For accessing information and transmitting administrative data
 *Go Network - PACS FACS (2)
 *GOPHER
 *State of GA contracts
 *Through Internet (2)
2. **Internet?** *Yes (14); No (9); Soon (6)
 *Browsing *GOPHER
 *E-mail (4) *Research (3)
 *FTP (2) *Search library catalog
3. **Instructional Television Fixed Service (ITFS)?** No (33)
4. **Integrated Services Digital Network (ISDN)?** Yes; No (31); *Soon
 *pilot project for one year by end of year
5. **Switched Multimegabit Data Service (SMDS)?** *Yes; No (32)
 *switched to S6 desktop conferencing

B. What LAN (local area network) is or will be in place (Token Ring, Ethernet, Arcnet, etc.)?

| | |
|---------------|-----------------|
| ARCNET (2) | Novell |
| Ethernet (17) | TK |
| FDDI | Token Ring (24) |
| LAN | |

C. Will there be computers in the classrooms? Yes (32); No (1)

How many?

| | | |
|--------|---------|---------|
| 1 (2) | 88 | 200 (2) |
| 10 (2) | 100 (4) | 225 |
| 20 (3) | 140 | 250 |
| 24 (2) | 150 (2) | 300 (2) |
| 30 | 160 (2) | 350 |
| 80 | 195 | 500 |

How many computer labs?

| | | |
|-------|--------|----|
| 1 (2) | 7 | 13 |
| 3 (3) | 8 (4) | 15 |
| 4 (5) | 9 (2) | 16 |
| 5 (4) | 10 (4) | 20 |
| 6 (3) | | |

D. Are you interested in Barcode Readers? Yes (25); No (5); Maybe (3)

How many?

| | | |
|-------|-------|----|
| 1 (8) | 4 | 10 |
| 2 (3) | 5 (3) | 12 |
| 3 (2) | 6 (2) | |

What applications?

Administration (2)
 Automated Registration
 Bookstore (4)
 Cafeteria
 Education/Instruction (3)

Identification
 Inventory (12)
 Library (7)
 Multimedia Response (2)
 P.O.S.

PROPS
 Security
 Stud. Records (3)
 Time Cards

E. What computer platforms will you be using?

386 (2)
 486 (6)
 AIX (Unix) (9)
 AOS
 Apple/MacIntosh (6)
 AS/400 (4)
 DOS/WIN

IBM pc compatible (8)
 IBM PS/2
 IBM ValuePoint (2)
 MS-DOS (6)
 Novell (4)
 PC DOS (3)

Quadra 660AV
 RISC/6000 (9)
 TCP/IP
 WIN (4)
 Pentium

F. Application software used and revision (WordPerfect, Lotus, etc.):**ACCOUNTING**

Accounting I
 Accounting II

EXCEL

Excel (5)
 Excel for WIN 5.0 (2)

Monarch
 Multimedia Toolkit
 Norton Utilities 8.0
 Pagemaker (9)

Aldus
 Ami Pro (2)
 Authorware

FAXworks
 Foxpro
 Freelance

PARADOX
 Paradox for WIN
 (3)

AUTOCAD

AutoCad
 AutoCad 12

HARVARD GRAPHICS

HG (4)
 HG 2.0 for WIN
 HG 3.0 (2)

Paradox for WIN
 4.5
 Powerpoint (4)
 Print Shop Deluxe

BASIC

Borland
 CAD
 COBOL
 Compel (2)
 Corel IV

LOTUS

Lotus (13)
 Lotus 2.2 (2)
 Lotus 2.3 (6)
 Lotus R2.4 (7)
 Lotus 3.0
 Lotus 3.3
 Lotus 3.4 for DOS (2)
 Lotus 4.0 (6)
 Lotus 4.1 (3)

Quicken
 RPG
 Smartcom
 Soundblaster
 SW Keyboarding
 TCP/IP for
 DOS 2.1.1
 WIN (2)

DBASE

dBase (7)
 dBase II
 dBase III (2)
 dBase III Plus (4)
 dBase IV (15)
 dBase V

MicroPace Plus

WORDPERFECT
 WP (11)
 WP5.1 (12)
 WP5.1 for DOS (2)
 WP5.2 (3)
 WP6.0 (7)
 WP6.0a (2)
 WP6.0b
 WP Access (3)
 WP5.0 for WIN
 WP6.0 for WIN (3)
 WP Office (2)
 WP Present. (2)

DOS

DOS
 DOS V 2.1
 DOS VI 2.1
 DOS/WIN 6.0 (6)

MICROSOFT

Microsoft
 Microsoft Excel (2)
 Microsoft Pro. Office
 Microsoft Project
 Microsoft WIN
 Microsoft Word (3)
 Microsoft Works (2)

G. How do you control licensing?

As best we can

By person and room
number

Central. ctr. purch./
distr. (5)

Controlled by Borland

Controls in software
packages

Departmental (2)

Fry utilities

Licenses kept in one
location

Limit labs to certain
servers

Monitoring software loaded
on file servers

Network distribution

Network restricts

Network-based inventory
checks

Networked licensing count

Networked versions

Over purchase of number
copies

Purchase per package (2)

Put software on server,
lock up other copies

Server-based applications

Site license (5)

Site networks

Through deans and
directors

Through Info.Tech.
Committee

Through office of
director of

computer services

Through office of
Instruct. Svc.

User locks on
servers

H. What current computer hardware are you utilizing?

1. Apple/MacIntosh

Quantity:

1 12 27

2 (2) 14 40

5 (2) 16 30

8 (2) 20 50

10 (3)

Model:

Apple

LC 520

MacIntosh (4)

Centris (2)

LC HLC III (3)

Quadre

Classics

MAC II SI

660 AVS/475

II E (2)

MAC SE (2)

2. IBM/Compatible

Quantity:

6 100 250 (2)

25 140 257

35 150 (6) 280

45 170 300

75 180 346

80 (2) 200 (6) 400

88 225 410

Model:

55

433 DX

IBM WINN

70

433 L

NotebooksPentium

80

486 (16)

586

55 SX

Dell

PS/2 (7)

286 (7)

IBM 8088

ValuePoint (3)

386 (9)

IBM/AST (2)

Zenith

405X

IBM RISC/6000

3. Sun
 Quantity: 1; 20 (UNISYS)
 Model: MPI 4336; SPARC 10

4. Tandy
 Quantity: 80 (Zenith)
 Model: ZSelect 100

6. Multi-Media
 Quantity:

2

18 (2)

35 (2)

3

20 (5)

50 (2)

4

22

113

12

30 (2)

200

Model:

486 (4)

IBM/AST (2)

RISC/6000 320h

AS/400

IBM MMC

RISC/6000

DELL 486

IBM Ultimedia

340h

DELL 486/DX2

IBM ValuePoint (4)

RISC/6000 590

IBM 433 DX

IBM WINN

Ultramedia

M77 486

I. What potential new hardware, if any, is the school considering to implement?

Assorted PC's (18)

HD

Scanning Equipment

ATM Ring

High Availability

Switching Hubs

CD Recorder

Computer System (2)

Tapes

CD-ROM, F Servers/

Imaging (2)

Teleconference

Jukeboxes

Intelligent Network Hubs

video

CD-ROM Tower

LAM and CAU

Thinkpads

Color Printing

LANS

Token Ring (2)

Computerized Library

MacIntosh Desktop

Touchtone

Dynacom

Publishing/Printing

Registration

Electronic Media

Modem Pad

TV Monitors

Distribution (2)

Multimedia labs

TV/Sound Card

Ethernet

Networking Components

TV/Video Card

FDDI (2)

Novell Server

Video Servers

Fiberoptics

Printers

Virtual Reality HD

Graphics Scanning

Projection Panels

HD High Tech

RAID Disk Subsystems

Multimedia (2)

Routers (3)

J. Is the data network going to be run parallel or integrated with the Integrated Information System?

Integrated (18)

Not Familiar with IIS (4)

Not Applicable (3)

Parallel (2)

K. Type and number of printers?

| | | |
|---|---------------------|------------------|
| Apple/MacIntosh | HP Laser II | Laser (7) |
| Band | HP Laser III (5) | Lexmark Laser |
| Dot Matrix (4) | HP Laser IIISI | NEC Dot Matrix |
| | HP Laser IV | Okidata |
| EPSON | HP Laser IVL (6) | |
| Epson | HP Laser IVSI | PANASONIC |
| Epson 1170 | | Panasonic (3) |
| Epson Dot Matrix (3) | IBM | Panasonic Dot |
| Epson Laser | IBM (8) | Matrix |
| Epson LX 810 (2) | IBM 2380 | Panasonic KX1124 |
| | IBM 3262 | Panasonic KX1180 |
| Graphic Plotters | IBM 4029/4039 | Panasonic Laser |
| | IBM 4230 | |
| HP | IBM 4232 | Plotters |
| HP (2) | IBM 4234 (2) | Proprietor |
| HP IIP | IBM 4234-013 (3) | Sharp Laser |
| HP IIIP | IBM Band | Star NX 10 |
| HP Inkjet (4) | IBM Dot Matrix (10) | Tektronix Phaser |
| HP IV (4) | IBM Laser | 220i |
| HP IVP (2) | IBM Line (2) | |
| HP Laser (12) | IBM Proprinter II | |
| Total # at each technical institute: | | |
| 4 | 60 (2) | 100 |
| 6 | 62 | 102 |
| 7 | 64 | 126 |
| 9 | 74 | 152 |
| 12 | 80 (3) | 180 |
| 14 | 83 (3) | 181 |
| 30 | 85 | 250 |
| 47 | 89 | |

L. Type, ram disk size, and number of servers?

| Type | Ram | Disk Size | Servers |
|--------------|-------|-----------|---------|
| 3 GIG | ? | ? | 2 |
| AIX | 256mb | 4gb | 1 |
| AIX | 64mb | 1gb | 1 |
| AS/400 | 16mb | 800mb | 1 |
| AST Premmia | 32mb | 2gb | 1 |
| Ethernet | ? | ? | 2 |
| HP | 8mb | 1gb | 1 |
| IBM PS/2 | 12mb | ? | 1 |
| IBM PS/2 | 8mb | 500mb | 1 |
| IBM PS/2 m95 | 24kb | 1.5gb | 1 |
| IBM PS/2 m80 | ? | ? | 2 |
| IBM PS/2 m85 | ? | ? | 1 |
| IBM PS/2 m95 | ? | ? | 1 |
| IBM AS/400 | ? | ? | 6 |

| | | | |
|----------------|-----------|---------|---|
| IBM RS/6000 | ? | ? | 5 |
| IBM RS/6000 | 256kb | 1gb | 1 |
| IBM RS/6000 | ? | 6gb | 1 |
| IBM RS/6000 | 580mb | 4gb | 1 |
| IBM m60 | 10mb | 300mb | 1 |
| IBM m80 | 4mb | 340mb | 1 |
| IBM m80 | 16mb | 300mb | 1 |
| IBM m85 | 16/32mb | 5/1.5gb | 1 |
| IBM m85 | 32mb | 1gb | 1 |
| IBM m85 | ? | ? | 1 |
| IBM 55sx | 8mb | 10mb | 1 |
| IBM 80 | | 50 meg | 2 |
| IBM Tricord | | | |
| IBM ValuePoint | 4mb | 340mb | 1 |
| IBM 486 | 250-500MB | 1GB | 1 |
| IBM 586 | ? | ? | 1 |
| IBM 9595 | 16 | 500 | 1 |
| IBM ? | 16mb | 400mb | 1 |
| LSI | 8mb | 240mb | 1 |
| Mitsubishi | 8mb | 240mb | 1 |
| Novell | 16mb | 1gb | 1 |
| Novell | 2.11mb | 500mb | 1 |
| Novell | 3.12mb | 600mb | 1 |
| Novell | ? | ? | 2 |
| Novell System | ? | ? | 5 |
| RISC 6000 | 65mb | ? | 3 |
| RISC 6000 | ? | 2gb | 1 |
| RISC 6000 | 128MB | ? | 1 |
| RISC 6000 | ? | 3gb | 2 |
| RISC 6000 | 64mb | 2.5gb | 2 |
| VTech | 8mb | 420mb | 1 |
| Value Point | 8mb | ? | 1 |
| Zenith | 24mb | 500mb | 1 |
| Zenith | 24mb | 1gb | 1 |
| ZServer | 32kb | 2gb | 1 |
| 286 | 4mb | ? | 1 |
| 386 | 4mb | ? | 1 |
| 386 | 12mb | 160mb | 3 |
| 386 | 24mb | 347bhd | |
| 486 | 16mb | 508mbhd | |
| 486 | 32mb | 750mb | 1 |
| 486 | 12mb | 1.1gb | 1 |
| 486 | 16mb | 4.5gb | 1 |
| 486 | 52mb | 1GIGhd | |
| 486 | ? | ? | 2 |
| ? | 16mb | 500mb | 1 |

M. Type and revision of network software:

| | |
|------------------------|----------------------|
| AIX 3.2 TCP/IP for DOS | Novell 2.15 |
| AIX 3.2.5 (2) | Novell 2.2 (2) |
| AIX 3.2.3 | Novell 3.1 |
| AIX ? | Novell 3.2 |
| AS/400/OS | Novell 3.11 (11) |
| IBM LAN Manager I | Novell 3.12 (10) |
| IBM PC LAN (2) | Novell 3.2.5 |
| IBM TCP/IP 2.1.1 (3) | Novell 4.0 (3) |
| IBM ? | Novell 4.01 |
| Lantastic | Novell 4.12 |
| Novell Netware (4) | TCP/IP 2.0 (4) |
| Novell 2.0 | UNIX SCO Version 4.2 |
| Novell 2.11 | RISC/6000 |
| Novell 2.12 | |

N. Are you using fiber in your network?

YES 22

NO 11

Where?

Backbone (10)

Between hubs (2)

Building to building (10)

On RISC/6000 network

Patch panel room to patch panel room

O. Are you using a data "backbone"?

YES 19

NO 12

What type?

AS/400

Coaxial

Collapsed Backbone

FDDI

Fiber (11)

Thick Coaxial

Token Ring (4)

Twisted Pair

UTP CAT five for Token Ring

XVIII. GENERAL BUILDING CHARACTERISTICS

Building Characteristics

A. Single Building (6)

Multiple Buildings (27)

B. New Facility (6)

Existing Facility (28)

C. Maximum Distance from Media Center to furthest location (in feet)?

200 600 (2) 1800-2000

300 (2) 700 2000 (2)

367 800 2900

400 1000 (7) 3600

500 1500 (2)

Do you have mobile classrooms or fixed remote sites?

YES 17 NO 16

1. **What type and how many?**

| | |
|-------------------------------|---|
| Adult literacy sites (3) | Off campus sites |
| Continuing education building | Regular classroom (3) |
| Fixed remote site (3) | Remote site (2) |
| LPN Classroom - Metter, GA | Truck Driving Classroom - Sanderville, GA |
| Mobile home type trailers (5) | Unit not connected - Blakely |
2. **How are they connected?**

| | |
|--|----------------------------------|
| CATV | Not connected to main campus (2) |
| FAX | Not at present (4) |
| Fiberoptic | T1 circuit |
| Internally connected via token ring & coax cable | Telephone (7) |
| Modem (2) | Twisted pair |
| | UTP |
3. **If multiple buildings set up, is conduit existing?**
YES 9 NO 10
 - a. **Size of Conduit (in inches)?** 1¼"-5"; ¾"-2"; 2 (2); 3; 4
 - b. **Number of Conduit?** 1 (3); 3

XIX. CABLE

- A. **Infrastructure desired**
 1. **Fiber-Optics:** 23
 2. **Coax:** 8
- B. **Existing Cable Plant**

Inside:

| | |
|---|------------------------------------|
| CAT five data and CAT three voice lines to desktop from wiring closets and fiberoptic multi-mode between buildings and between wiring closets | Token ring |
| Coax (3) | Twisted pair (2) |
| Copper (4) | Type one STP to nodes |
| Fiber (6) | Type one copper (2) |
| IBM Type one plenum | Type two |
| IBM Type one twisted pair | Type five |
| IBM Connector | Unshielded level five twisted pair |
| Shielded twisted pair (4) | Unshielded twisted pair |
| Outside: | UTP |
| Coax cable UTP | Wiring closets in each wing |
| Connecting all buildings | Within each building |
| Copper | |

| | |
|--|--------------------|
| | Fiber (11) |
| | None (7) |
| | Not applicable (4) |

- C. Level (or grade) of data cable (CATS, etc.):
- | | |
|---------------------|-----------------------------|
| Base two | Level one (2) |
| Base five | Level five plenum |
| Base T | Multi-mode fiber |
| CAT five UTP | RG6 75 Ohms |
| CAT five unshielded | Silver satin |
| CAT five (4) | Type one (6) |
| CATS | Type one and type two token |
| IBM type one plenum | ring |
| Level five (5) | Type five |
| | Type two |
- D. How many pairs to each station?
- | | |
|------------|------------|
| 1 pair | 4 pair (8) |
| 2 pair (8) | 8 pair |
| 3 pair | Unknown |
- E. Do you have plenum ceilings? YES 22 NO 8
Suspended with 3 - 4ft. space above

XX. SOUND

- A. Is there an institution-wide paging system?
YES 17 NO 16
1. Type (room, zone)?

| | |
|----------------------|---------------------------|
| All rooms via phones | Telephone intercom |
| Intercom (2) | Three zone Bogen 60w amps |
| PA | To each room |
| Room (6) | Wired speaker/microphone |
 2. Number of rooms of zones:

| | |
|-------|-----------------|
| 30 | 70 |
| 30-45 | 75 (2) |
| 47 | All rooms wired |
| 57 | Four buildings |
| 68 | |
 3. Type/number of speakers:

| | |
|-------------|--------------------------|
| 30 | 75 (2) |
| 40-45 | All late 70's technology |
| 70 | None |
| 70v ceiling | |
 4. Any outdoor speakers? YES 8 NO 18
- B. Do you have a portable sound system? If so, describe.
- | | |
|------------------------|--|
| No (14) | Horizon speakers and four audio-tech |
| AC/DC | microphones Pro 4L models |
| Bull horn | Lecturer with amp |
| Built into lecturn (2) | Peavy PA (2) |
| Desktop | Perma-Power model 5-702 amp with speaker |
| | Yes (5) |

How is it used?

As a PA system (2)
For lectures as needed
In board room and student center
In emergencies

Outside events
Outside groundbreaking
Small group presentation (3)
Special occasions (4)

C. Do you have an engineered system? (permanently installed)?

YES 10 NO 20

Not operable
Will have with new building
Came with building

One building
Uses wireless microphones and PA
Only one in meeting room

D. What problems are you having reaching employees within the institution?

Considerable - always a problem
Few (2)
Intercom system distorts sound
Limited phone access and difficulty
locating people (4)
Messages in employee boxes may
not be received or read
No faculty offices and therefore no
phones

No e-mail (2)
No paging system - have radios
No paging or intercom (2)
None (4)
Phone system does not always roll over
Some areas not covered by speakers
Unable to contact certain people at all times -
must be able to because of security

E. Do you have any powered lecterns?

YES 20 NO 11

AC powered portable (2)
Anchor lectern with liberty MPB-
4500 amp and wireless
microphones
Floor model
Lehigh

PASO SL400
Panasonic
Portable (3)
Type carrivoice cv7
Unknown

XXI. MOBILE EQUIPMENT

A. Do any employees carry pagers?

YES 25 NO 7

1. How many?

| | | |
|-------|--------|----|
| 1 (2) | 6 | 12 |
| 2 (2) | 8 (2) | 21 |
| 4 (7) | 10 (2) | 35 |
| 5 (4) | 11 (2) | |

2. Area covered:

| | |
|---------------|--|
| 20 miles | maintenance |
| Atlanta-metro | North Georgia |
| campus (2) | president, continuing education, maintenance |
| city limits | supervision, custodial service |
| local (5) | statewide (8) (1 using DOAS system) |
| main campus | |

- B. Does the institution have any cellular phones?** YES 8 NO 24
1. **How many?** 1 (5); 2 (2); 3
 2. **Reason for use:**
 Commercial Truck Driving telephone access in parts of building
 president without phone service
 travel communication
- C. Do any employees need to access computer services (e-mail, word processing) remotely?**
 YES 26 NO 5
Why?
 access to Internet or BBS systems for software patches
 administration needs e-mail from GO Network
 administrative computer specialist--for 24 hour, 7 days per week access for trouble-
 shooting and error correction
 communications with DTAE, business Operation via GO Network (Georgia On-line) MIS
 Operation to submit enrollment data
 data access when traveling or working at home
 e-mail (2)
 e-mail to other DTAE employees (2)
 energy management
 for communication and administrative purposes
 for productivity (2)
 in daily work, off campus access
 remote computer system management
 remote entry-gradebook system
 remote registration--work at home after hours
 system administration, file transfer, word processing
 the Go-Network for FACS, PACS, PROPS, FARR, & SPIN
 to solve network problems, administrative projects, and problem solutions
 to work at home after regular hours
 to do work from home and when out of town
 to complete day-to-day business when off campus
 to access stored data and for registration
 satellite locations
 travel
- D. Do you have a technology committee at your institute?**
 YES 24 NO 9
1. **How many are on the committee?**

| | | |
|-------|-------|--------|
| 4 (2) | 7 (2) | 10 (2) |
| 5 (2) | 8 (3) | 12 (2) |
| 6 | 9 (3) | 14 (2) |
| | | 15 |
 2. **What is the makeup (administrators, faculty, support, students, community leaders, etc.)?**
 administrators and faculty (8)
 administrators, technical support, and media specialist
 administrators, instructors, and support (5)
 cross-sectional
 faculty, administrators, and staff (3)
 faculty, student, and administrators
 instruction, student, and administrative services
 technical support
 VP's, faculty, and staff

XXII. SECURITY

A. What kind of security system do you have?

CAD room is alarmed
motion sensors are used throughout the building to detect movement when rooms are presumed empty

none (3)

Parrine infrared and motion detection and door sensors

passwording is used on the network

contracting

16 Guards

24 Burglar Alarm fire alarm

3 Cameras

1 Card Access entry code-manual

B. Guards none (3)

1. Who provides the service?

Burns Security

city police and United Alarm

Systems

county police

employees (2)

GA Security

[our] tech and [our] school

system

Parker Security

part-time security officers

Pinkerton Security

private security individuals

sheriff

the institution (3)

2. Number of guards:

1 (2)

6 (2)

1-3 at a time

2 (4)

1 day, 1 night

4 full time

3 (2)

2 part time

6 rotating--2 per shift

4 (2)

3. Hours of duty _____ to _____:

6:00am-6:00pm (2)

8:00am-10:00pm (2)

6:30am-11:00pm

5:00pm-7:30am

7:00am-11:00pm (3)

6:30pm-10:00pm

7:15am-9:30pm

7:00pm-10:00pm

7:30am-10:30pm

10:30pm-6:00am

7:30am-4:00pm

7:00-7:00

& 3:00pm-11:00

24 hours a day

4. Do you use rounds clocks? YES _____

NO 18

plan to use Detex patrol manager

5. Number of clocks: _____

C. Burglar Alarm none; drafting CAD room only

1. Brand of system (control):

Ademco (3)

ADEMCO 1005

ADT

Alarm Device Manufacturing

Company

ALERT-TECH

Arrowhead

Beacon

Fire Burglary Instrument, Inc

Honeywell

Morse product

motion sensor

multiple

Radionics

Simplex 4001 / Star XL4800 EZ

unknown (2)

Vector

Vista

[our] school system central system

2. Is it UL certified? YES 23 NO 1
3. Number of zones:
- | | | |
|-------|-------|----------|
| 1 | 6 (2) | 63 |
| 2 | 7 | 65 |
| 4 (2) | 8 (3) | not sure |
| 5 | 26 | all |
4. Devices:
- | | |
|------------------|--|
| 17 doors | number 1 (2); 2 (3); 14; 24 (2); 25; 62 |
| 20 motion det. | number 2; 6; 7; 11 (2); 12; 18; 33; 35; 63; 100; |
| 4 photo beams | number 1; 4 each room |
| 2 ceiling access | number |
| 5 windows | number 3; 6; 17; 280 |
| 2 glass break | number 12; 49 |
| 2 heat | number |
| 9 smoke | number 1(3); 3; 5; 10 |
| 1 riser valve | number |
| 2 hold up | number 1; 12 |
| 5 key pads | number 2 (2); 5; 8; 12 |
5. Is your complete perimeter protected? YES 11 NO 16
How much? 25%; 75%; all (4)
6. Is your system monitored? YES 19 NO 7
7. By whom?
- | | |
|---------------------------|---|
| 18008294580 | local police/fire, local vendor |
| ADT Central Monitoring | maintenance |
| Service | Omni Security |
| ALERT-TECH | [our] school system and county police |
| Automatic Protection | plant engineer |
| Services | Security Central Lake Norman Security Panel-- |
| Beacon | Statesville, NC |
| county sheriff's dispatch | School Detective Officer (APS) |
| Georgia-Florida Burglar | Security Alliance--Richmond, VA |
| Alarm (2) | service |
| Honeywell | United Alarm Company |
8. Are separate areas accessible without disarming the entire system?
YES 19 NO 7
9. Do you have high security areas (computer room, records)?
YES 16 NO 10
If so, how are they protected?
- | | |
|------------------------------|--|
| ADT | locked doors (3) |
| alarm | locks, lights, and local police cruising by |
| burglar alarm motion sensors | motion detectors (5) |
| central alarm system | security guards, vaults, lock and key system |
| digital key lock | vault |

D. Cameras

1. Do you use video surveillance? YES 5 NO 25
Where? machine shop classroom; bookstore; library; hallways; corporate training center
2. Do you have time lapse recorders? YES 1 NO 28
Quantity: 2 Brand:

3. Are any cameras pan-tilt? YES 2 NO 24
 Quantity: 2; 5 Type (coaxtron):
 Where? bookstore, distance learning room; corporate training center (exterior)
4. What kind of cable is used for cameras (coax, fiber)? coax (5)
5. Do you need to control cameras in multiple buildings from one location?
 YES 3 NO 12
 Where? parking lots/building entrances; plant services building; administrative office

E. Card Access

1. Do you have a card access system? YES NO 28
 2. Do you have high security areas? YES 7 NO 25
 If so, where?
 administration, business office, and concession area
 business office and computer room (2)
 business office, records office, equipment throughout the campus
 computer labs (2)
 server room
 varies, depends on programs
3. Would you like to track location of employees?
 YES 1*; 7 NO 17
 * only as it relates to high security and restricted areas

F. General

1. Are there security problems currently existing (theft, vandals)?
 minimum or moderate (2)
 minor
 no (9)
 occasional theft
 perceived fear of personal attack--violent confrontation on the part of some staff
 and students
 petty larceny
 petty theft (2)
 some vandals
 some theft of personal valuables, [school] assets
 thefts, miscellaneous vandalism (2)
 yes, potential high for theft
 yes, over the past 2 months, campus theft has increased--also, more cars were
 broken into summer quarter

XXIII. TWO-WAY RADIOS

- A. Do you have two-way radios? YES 22 NO 11
1. What type? Motorola (19); Radio shack; GE; CB; Bendex
 Model:
 5414B HT90 (4)
 EPU 414 OM-02 Midland Int'l No. 13-883B
 hand held walkie talkies (2) MPD
 HT210 Radius P50 (2)
 HT600 (5) various (2)

2. Quantity:

| | | |
|-------|-------|--------|
| 1 | 5 | 10 (2) |
| 2 (2) | 6 (3) | 11 (3) |
| 3 (2) | 8 (2) | 22 |
| 4 (3) | 8-10 | |

B. Do you have a base station? YES 9 NO 21

C. Do you have a base tower? YES 5 NO 25

1. Height? 12'; 25'; 30'; 50'; 220'

2. Transmission range? ½ miles; 1 mile; 2 miles; local 3-5 miles; 50 miles

D. How do you use the radios?

building maintenance and custodial service

communicate, security, and monitoring FCC license

communication between guards, administration (2)

maintenance and security communication (4)

maintenance/operations, security guards

maintenance, traffic control, remote

not being used

operations/security

to keep in contact with maintenance (4)

to communicate with office administrator and security at night

walkie talkie

E. Do you have telephone patch capabilities? YES _____ NO 29

F. Do you have a repeater? YES 1 NO 27

G. Monthly charge (if any):

H. Are there other ways in which you would like to use radios?

maintenance personnel scattered could better support each other, security on patrol in

contact with office, contact key employees

no (5)

we currently have "in-house" voice pages for custodial staff

would like to investigate possibility of 2-way radios for maintenance and security

XXIV.

DO YOU WANT TO IMPLEMENT A SCHOOL NEWSLETTER OR BULLETIN BOARD
VIA MENU SELECTIONS LOCATED ON THE MONITORS?

YES 25 NO 6

A. What types of equipment would be needed or utilized in the future?

| | | | |
|----------------|----|----------------|----|
| 1. VHS | 17 | 6. Still Video | 9 |
| 2. S-VHS | 16 | 7. CD-I | 5 |
| 3. Slides | 5 | 8. Level III | 5 |
| 4. Laser Discs | 15 | 9. Computers | 22 |
| 5. CD-Rom | 20 | | |

B. What types of mediums are currently being used?

- | | | | |
|-----------|-----------------------|------------------|--|
| 1. | VHS | Quantity: | 1; 3; 7; 6 (2); 12 (2); 15 (3); 20 (2); 22 (2); 27; 30+; 42 |
| | | Model: | AG 2200; AG6400; AG2500; AG 1000B; Various (2); VHS 4 Head XA 310; AGS2V, VCJ201, GHV-1265M, VR 1820-1, HR-D72OU; GVR-B445; NV 8420; NV 8500; regular VHS; 300 |
| | | Brand: | Panasonic (4); Goldstar (2); Sharp (2); RCA; Zenith; JVC; Curtis Mathis; varies; multiple; all |
| 2. | S-VHS | Quantity: | 1; 2 (2); 15 |
| | | Model: | AG 1150; AG-7350 |
| | | Brand: | Panasonic (3); Cannon |
| 3. | Still Video | Quantity: | 1 (3); 3; 6 |
| | | Model: | 570; RC360 |
| | | Brand: | Canon (2) |
| 4. | 35mm Slides | Quantity: | 1 (3); 2 (3); 4 (3); 20 |
| | | Model: | Ektagraphic: III; B-2; AF-2; 750; AM; 850H; 800H; 9000/7000; various; EIIA; |
| | | Brand: | Kodak (3); Minolta |
| 5. | 16mm Film | Quantity: | 1 (3); 2; 3 |
| | | Model: | |
| | | Brand: | EIKI |
| 6. | 35mm Filmstrip | Quantity: | 1 (3); 4; 40 |
| | | Model: | 28A1B |
| | | Brand: | Dukane (2) |
| 7. | Laser Disc | Quantity: | 1 (5); 4 (2); 5 (2); 6 |
| | | Model: | 20V 4200; LD-V4200; 2400 |
| | | Brand: | Pioneer (4); Panasonic; Sony; Radioshack |
| 8. | CD-Rom | Quantity: | 1; 2 (2); 4; 5; 7; 8; 20 (2); 25; 26 (3); 50 (2); 60; 250 |
| | | Model: | DRM 600/Proquest/Infotrac Workstations; PS12 Ultimedia, CA 17005; Fusion CD; MPC II; various; 486; IBC |
| | | Brand: | IBM (4); Hitachi (3); IBM Value Point Computer (2); Pioneer; Winn |
| 9. | CD-I | Quantity: | 1 (3) |
| | | Model: | |
| | | Brand: | |

note: all flood damaged items will be replaced with state of the art equipment and educational material; not implemented at this time; none

- C. Are you interested in utilizing a wireless keyboard to access information located at the media center? How many rooms would like this capacity?
 all that are tied to the media center
 Dynacom system provides this technology
 have not seen a wireless keyboard
 no (8)
 our ortonet node to the library and on to [our school's] community is being planned
 the library is interested in computer modem phone access to the library network from homes and throughout the campus
 would like to know more about this
 yes, 12 rooms
 yes, 17
 yes, all eventually
 yes, 10
 yes, staff and instructor offices and classrooms
 yes, 3
 yes, unsure of number
- D. Do you want computer information displayed to the area's large monitor?
 Which locations?
 all 12 locations student center (3)
 central located monitor across we do this now
 campus would like to know more about this
 control sites yes
 Dynacom system will provide the yes, all (3)
 technology yes, classrooms
 main lobby, lecture rooms, yes, each of the 3 bldgs
 auditorium yes, student center, foyer, hallways (2)
 no (3)
- E. Do you want the capacity to broadcast from any particular to any other room?
 Which locations?
 all distance learning sites
 from one location (media center) to any of rooms in school with AV connection
 no (5)
 would like to be able to broadcast institute-wide when networking is completed
 yes, all (3)
 yes, all classrooms
 yes, classrooms, conference rooms, distance learning lab (2)
 yes, hopefully Dynacom technology will provide
 yes, library and administrative office to all buildings (2)
 yes, remote locations

XXV. MISSION STATEMENT:

To stay abreast of computer technology and software development to the extent that our students are capable of working with these leading edge technologies as they come available in the work place.

Our vision is of a unified system of technical education, customized business and industry training, and adult education using the best available educational technology and offering easy access to lifelong education and training for all adult Georgians.

Technology is a vital part of the institutional strategy.

[Our school] is a comprehensive, public two-year postsecondary institution that provides accessible, affordable, high quality education and training. The institute prepares students to enter the job market, allows them to transfer to senior college and universities, and assists them in achieving their professional and personal goals.

Provide the citizens of [our city], surrounding counties, and the State of Georgia with high-quality postsecondary educational courses, services, and training programs which develop individual skills and abilities provide for intellectual and career development, and meet the needs of Georgia and local business and industry.

None at present for Technology area.

To provide [surrounding] counties and surrounding communities with excellence in educational programs and services for the career development and employment needs of our citizens, businesses, and industries.

[Our school] is committed to utilizing the latest and most sophisticated technology in order to better serve our service area.

The mission of [our school] is to meet the changing educational and technological needs of the local community, to promote and participate in the economic development of the community, to minimize the barriers to the educational opportunities provided, and to improve the intellectual and technical skills of individuals. Adult literacy training, general academic and technical education, customized business and industry training and continuing education services are provided to help build and maintain a competitive economy and to prepare area citizens for access to high skill, high wage jobs.

The mission of [our school] is to provide comprehensive academic and technical education, customized business and industry training, and continuing education learning services that are responsive to the needs of the citizens, businesses, and industries within its six-county service area.

As a member of the state system of technical institutes, [our school] prepares citizens for employment, including high skill, high wage positions, which help to promote the economic well being of middle Georgia.

[Our school] provides relevant services including adult literacy, general academic and technical education, customized industry training, and continuing education at a world quality standard. The purposes of these services are to help build and maintain a competitive economy which provides high skill and high wage jobs and to help prepare individuals for access to those jobs. Our vision is to be part of a unified system of technical and adult education offering easy access to a lifelong education for all adult Georgians. We envision [our school] as an integral part of a seamless educational process for Georgia in which students may efficiently transfer credits from secondary schools to technical institutes to colleges and universities. [Our school] will continue to be a part of the technical education system of the future that will create a quality workforce for Georgia and assure economic competitiveness in the international marketplace. This system will be the preferred educational option for those adult whose career choices require specific occupational qualifications beyond a high school diploma but do not require a four-year college degree. Values: commitment to the students; high quality programs, services, and facilities for all customers; professional and caring faculty and staff; attractive programs, services, and facilities; purposeful innovation; and cost effectiveness.

See [our school's] Strategic Plan if you mean school's mission statement.

Yes, PC upgrades, network upgrades.

To provide technologically advanced education services to our customers.

This mission of [our school] is to provide leadership in meeting the changing technical education needs of the local community to promote and participate in the economic development of the community to maximize educational opportunities with other agencies, businesses, industries, and to improve the basic, personal relationships.

To assist economic development by providing world quality educational and related services to individuals, businesses, industries, agencies, and other markets.

The mission of [our school] is to meet community needs for economic development and residents' needs for lifetime learning and career development by offering instruction, customized training, and programs leading to adult literacy. In accomplishing its mission [our school] provides opportunities for earning diplomas, prerequisites for licensing, and certificates of achievement in a variety of technical and continuing education fields. As part of this larger mission, [our school]'s faculty and staff are dedicated to building community support for state-of-the-art technical and adult education and providing services that are friendly and easily accessed by students and other members of the community. In support of this mission, [our school] has five major responsibilities: 1) Providing quality instruction in skills that lead to satisfactory jobs and job performance. This division consists of programs of instruction or technical training leading toward a diploma, continuing education, or adult literacy. 2) Developing Opportunities and supports for students. This division assists students to discover and attain their educational and career goals through the judicious use of counseling, orientation, diagnostics, financial assistance, scheduling, and placement services. 3) Encouraging Economic Development. This division links [our school] to the community by offering customized training as well as coordination with the regular instructional, continuing education, and Georgia Quick Start services. 4) Encouraging community development. This division is responsible for developing community support for [our school's] programs and services through marketing, fund-raising, alumni development, coordination with industrial councils, civic groups, and other patrons. 5) Administering programs and services. This division is responsible for all financial, purchasing, payroll, personnel, maintenance and custodial duties. This division works with all faculty, staff, division leaders, and state officials to ensure that the administrative needs of the technical institute are met in the most efficient manner.

Are any technology projects being phased in over a period of time? What initial configurations would be considered?

Head in room will be located in new classroom/conference/administration building.

Imaging, video distribution, development and implementation of multi-media instruction, the use of business and industry simulations in instruction.

Economic Development: ACT assessment testing; mechanical/electrical assessment lab; exploring teleconferencing.

Yes, lots of plans in place; doesn't make sense.

Yes--multimedia presentation and distance learning.

[Our] area - Fiber Project (Video & Data) ISDN project.

Distance Learning in G-Sams Multi-media classroom and teleconferencing.

Plans are to build a Research Lab in new library to include local business and industry/Multimedia lab/Local Area Network.

Classroom for teaching, networking, classroom for maintenance and installation, hi-tech multimedia lab including video and audio capabilities.

Linking cable TV, satellite transmissions, and teleconferencing through a local system that places the satellite, teleconferences, and VCR on separate channels accessed by any TV with AV connection.

Token rings network continued into new building.

Fiber optics for new building connection to Banner.

Also add Internet access to institution.

Data connections (fiber optics) will be implemented at two new buildings now under construction.

Network Internet Access.

Planning for new campus.

Campus wide network.

LAN FAX Server, video server, LAN electronic mail services.

Yes, campus data and RF network.

Distance learning lab by Nov. '94 computer campus wide administrative network - June '95 video monitor board cart by June '95.

Picture-Tel, GSAMS.

School wide computer network, token ring, fiber backbone between buildings, level 5 plenum in building.

Dynacom switch.

Fiber optics wiring, Banner and Distance Learning.

Please use this area to describe any custom feature your particular school would like to be integrated in the technology plan that is not currently addressed.

Would like a computer system that will allow HVAC/Security/Power Usage/Information to be utilized/discontinued as needed.

The use of virtual reality for instructional purposes.

More institute wide utilization of Banner software--integration of student accounts receivables into state system.

Better use of e-mail, voice mail.

Video on demand throughout; broadcast capability; video desktop computer.

Video production.

Direct Connect to Douglasville via fiber FDDI network.

Would like to be included in any technological advancements/experiments in the future.

Interconnectivity between all technical institutes libraries via Fiber Optical Cable.

Digital connection to local industry and school.

We have a desktop conferencing system using IBM computers and Picture-Tel video and switching cards that could be value to schools.

Headroom for audio/video transmission in new building.

[Our school] needs an efficient and cost-effective state-of-the-art information network allowing multimedia applications, distance learning, and shared video reception capabilities to be implemented. In his era of rapidly evolving applications and continually changing needs, the accurate foresight to avoid expensive rewiring is essential. Our goal is to prepare our classrooms for the future. Background: (these issues must be addressed) current users, expectant growth of movement to the new building, percentage of new growth (anticipate future changes), number of drops per room (approximately). Note: an adequate number of drops must be planned carefully. More than one drop should be issued per room. Design objectives: 1) Connectivity. Connectivity is crucial for the development and support of the internetworking with data, voice, multimedia, and distance learning. One of the primary objectives is to let a USER connect to any system located anywhere within the school to utilize telephone, data, and video services, just by merely having a "plug-in" capability within the room. Each computer in the classroom will need a direct connection to a wiring closet or intermediate distribution frame. Maximum protection should be taken to prevent good loop potential and isolate problems for lightning. 2) Reliability and manageability. The network should be reliable with an uptime goal of 100%. Connectivity will not be affected by any down system. Should a system fail, only connectivity to and from that system is affected, while the rest of the network continues operating as usual. The risk of network congestion and traffic jam should be non-existent. In addition, the network should be easily administered by one person from a central location. 3) Configuration flexibility. The network configuration will be flexible enough to allow easy reconfiguration and to support future network growth. Adding a PC to the network should not require installing a transceiver on the network backbone and running an ethernet cable to the PC. Switching a system or giving video capabilities to a drop will, in most cases, necessitate the physical moving of the system to another location. 4) Cost-effectiveness. The overall network design will re-use hardware and software from the existing networks as much as possible. The network should also provide cost-effective solutions for sharing expensive printers. Physical layout, network design, and quality of materials should be carefully considered, keeping cost-effectiveness in mind.

TECHNICAL INSTITUTE INFORMATION TECHNOLOGY SURVEY

| Institute | Utilize GPTV | | Receiving dish | | Uplink capability | | Rental dishes | | CTV availability | | CTV service to Institutes | | Utilize CTV | | Wired CTV | | Telephone Company | C/Rooms wired for phone | | Have microwave | | Utilize microwave | | C/rooms telecomm. | |
|----------------|--------------|---|----------------|---|-------------------|---|---------------|---|------------------|---|---------------------------|---|-------------|---|-----------|---|----------------------|-------------------------|---|----------------|---|-------------------|---|-------------------|---|
| | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | | Y | N | Y | N | Y | N | Y | N |
| Albany | | X | | X | | X | | X | | X | | X | | X | | X | Southern Bell | X | | X | | | X | | |
| Altamaha | | X | X | | | X | | X | | X | | X | | | | X | Southern Bell | X | | X | | | X | | |
| Athens Area | | X | X | | | X | | X | | X | | X | | X | | X | DOAS, Southern Bell | | | | | | X | | |
| Atlanta Area | | X | | X | | X | | X | | X | | X | | | | X | ----- | | | X | | | | | X |
| Augusta | | X | X | | | X | | X | | X | | X | | X | | X | Southern Bell | X | | | | | | | |
| Ben Hill-Irwin | | X | | X | | X | | X | | X | | X | | | | X | Altel | X | | | | | X | | |
| Brunswick | | X | X | | | X | | X | | X | | X | | | | X | Southern Bell | X | | | | | X | | |
| Carroll | | X | X | | | X | | X | | X | | X | | | | X | DOAS, Southern Bell | | | X | | | X | | |
| Chattahoochee | | X | | X | | X | | X | | X | | X | | X | | X | Bell South | | | X | | | X | | X |
| Columbus | X | | X | | | X | | X | | X | | X | | X | | X | Southern Bell | X | | | | | | | |
| Coosa Valley | | X | X | | | X | | X | | X | | X | | X | | X | AT&T, GIST | X | | X | | | | | X |
| DeKalb | | X | | X | | X | | X | | X | | X | | X | | X | Southern Bell | | | X | | | X | | X |
| Flint River | | X | | X | | X | | X | | X | | X | | X | | X | GTE, ALLTEL | X | | X | | | X | | X |
| Griffin | | X | X | | | X | | X | | X | | X | | X | | X | Southern Bell | X | | | | | X | | |
| Gwinnett | | X | X | | | X | | X | | X | | X | | X | | X | IIE Systems | | | X | | | | | X |
| Heart of GA | | X | X | | | X | | X | | X | | X | | X | | X | Southern Bell | X | | | | | X | | |
| Lanier | | X | X | | | X | | X | | X | | X | | X | | X | Southern Bell, DOAS | X | | X | | | X | | |
| Macon | | X | X | | | X | | X | | X | | X | | X | | X | Southern Bell, DOAS | X | | X | | | X | | |
| Middle GA | X | | X | | | X | | X | | X | | X | | X | | X | ACTEL, Southern Bell | X | | | | | | | X |

| Institute | Utilize GPTV | | Receiving dish | | Uplink capability | | Rental dishes | | CTV availability | | CTV service to Institutes | | Utilize CTV | | Wired CCTV | | Telephone Company | C/Rooms wired for phone | | Have microwave | | Utilize microwave | | C/rooms telecam. | |
|--------------|--------------|---|----------------|---|-------------------|---|---------------|---|------------------|---|---------------------------|---|-------------|---|------------|---|-----------------------|-------------------------|---|----------------|---|-------------------|---|------------------|---|
| | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | | Y | N | Y | N | Y | N | Y | N |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Moultrie | | X | | X | | X | | X | | X | | X | | X | | X | ALLTEL | X | | X | | X | | X | |
| North GA | | X | | X | | X | | X | | X | | X | | X | | X | Standard Telephone | X | | X | | X | | X | |
| North Metro | | X | | X | | X | | X | | X | | X | | X | | X | Southern Bell | | X | | X | | X | | X |
| Ogechee | | X | | X | | X | | X | | X | | X | | X | | X | Statesboro Telephone | X | | X | | X | | X | |
| Okefenokee | | X | | X | | X | | X | | X | | X | | X | | X | --- | X | | X | | X | | X | |
| Pickens | | X | | X | | X | | X | | X | | X | | X | | X | ALLTEL | X | | X | | X | | X | |
| Savannah | X | | | X | | X | | X | | X | | X | | X | | X | Southern Bell | X | | X | | X | | X | |
| South GA | | X | | X | | X | | X | | X | | X | | X | | X | Southern Bell | X | | | | X | | X | |
| Southeastern | | X | | X | | X | | X | | X | | X | | X | | X | Southern Bell, ALLTEL | X | | X | | X | | X | |
| Swainsboro | X | | | X | | X | | X | | X | | X | | X | | X | Southern Bell | X | | | | X | | X | |
| Thomas | | X | | | | X | | X | | X | | X | | X | | X | DOAS | X | | X | | X | | X | |
| Valdosta | | X | | X | | X | | X | | X | | X | | X | | X | DOAS, GIST | X | | | | X | | X | |
| Walker | | X | | X | | X | | X | | X | | X | | X | | X | --- | X | | | | X | | X | |
| West GA | | X | | X | | X | | X | | X | | X | | X | | X | Southern Bell | | X | | | X | | X | |

| Institute | Mobile C/rooms | | FAX | | Loaner dist. learning | | Keypad | | Telephone registration | | HDTV | | Virtual Reality | | DVC | | Data System | Current computer hardware |
|----------------|----------------|---|-----|---|-----------------------|---|--------|---|------------------------|---|------|---|-----------------|---|-----|---|--------------------------|--|
| | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | | |
| Albany | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | Apple/Mac, IBM/Comp, Multi-Media |
| Altamaha | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | IBM/Comp, Multi-Media |
| Athens Area | X | | X | | | X | | X | | X | | X | | X | | X | Internet | IBM/Comp, Multi-Media |
| Atlanta Area | — | — | X | | — | — | | X | | — | | X | | X | | X | — | Apple/Mac, IBM/Comp, Multi-Media |
| Augusta | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | Apple/Mac, IBM/Comp, Multi-Media |
| Ben Hill-Irwin | | X | X | | | X | | X | | X | | X | | X | | X | Internet | IBM/Comp |
| Brunswick | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | Apple/Mac, IBM/Comp, Multi-Media |
| Carroll | X | | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet/ISDN | Apple/Mac, IBM/Comp, Multi-Media |
| Chattahoochee | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet (plan) | IBM/Comp |
| Columbus | | X | X | | | X | | X | | X | | X | | X | | X | Internet | Apple/Mac, IBM/Comp, Multi-Media |
| Coosa Valley | | X | X | | | X | | X | | X | | X | | X | | X | — | IBM Comp, Multi-Media |
| DeKalb | | X | X | | | X | | X | | X | | X | | X | | X | — | Apple/Mac, IBM/Comp |
| Flint River | X | | X | | | X | | X | | X | | X | | X | | X | — | Apple/Mac, IBM/Comp, Multi-Media, ANISYS, Zenith |
| Griffin | | X | X | | | X | | X | | X | | X | | X | | X | — | Apple/Mac, IBM/Comp, Multi-Media |
| Gwinnett | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | — |
| Heart of GA | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | IBM/Comp, Multi-Media |
| Lanier | | X | X | | | X | | X | | X | | X | | X | | X | — | Apple/Mac, IBM/Comp, PS2 Value point |
| Macon | X | | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | IBM/Comp, Sun, RISC/6000, AS/400 |
| Middle GA | X | | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | IBM/Comp, Multi-Media |

| Institute | Mobile C/rooms | | FAX | | Loser dist. learning | | Keypad | | Telephone registration | | HDIV | | Virtual Reality | | DVC | | Data System | Current computer hardware |
|--------------|----------------|---|-----|---|----------------------|---|--------|---|------------------------|---|------|---|-----------------|---|-----|---|--------------------------|----------------------------------|
| | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | Y | N | | |
| Moultrie | | X | X | | | X | | X | | X | | X | | X | | X | Internet (soon) | Apple/Mac, IBM/Comp |
| North GA | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | IBM/Comp |
| North Metro | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | Apple/Mac, IBM/Comp, Multi-Media |
| Ogeechee | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | Apple/Mac, IBM/Comp, Multi-Media |
| Okefenokee | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | IBM/Comp |
| Pickens | | X | X | | | X | | X | | X | | X | | X | | X | None | Apple/Mac, IBM/Comp, Multi-Media |
| Savannah | — | — | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet | Apple/Mac, IBM/Comp |
| South GA | X | | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet/ISDN | IBM/Comp |
| Southeastern | X | | X | | | X | | X | | X | | X | | X | | X | Internet (act yet) | Apple/Mac, IBM/Comp, Multi-Media |
| Swainsboro | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet/Internet (soon) | Apple/Mac, IBM/Comp |
| Thomas | | X | X | | | X | | X | | X | | X | | X | | X | Peachnet | Apple/Mac, IBM/Comp, Multi-Media |
| Valdosta | | X | X | | X | | | X | | X | | X | | X | | X | Peachnet/Internet | IBM/Comp |
| Walker | | X | X | | | X | | X | | X | | X | | X | | X | None | Apple/Mac, IBM/Comp, Multi-Media |
| West GA | | X | X | | | X | | X | | X | | X | | X | | X | — | IBM/Comp, Multi-Media |

| Institute | Cable desired | | Cable existing | | Inst. paging system | | Pagers | | Cellular phones | | Technology committee | | Security system | | Two-way radios | | Want bulletin board modems | |
|----------------|---------------|------|----------------------------------|--|---------------------|---|--------|-----|-----------------|-----|----------------------|---|--|--|----------------|---|----------------------------|-----|
| | P-Optics | Coax | | | Y | N | Y | N | Y | N | Y | N | | | Y | N | Y | N |
| Albany | X | | COXIAL | | X | | X | | X | | X | | Guards, Burglar alarm | | X | | X | |
| Altamaha | X | | Type 1 twisted pair/copper wire | | X | | | X | | X | | | Burglar alarm | | X | | X | |
| Athens Area | X | | Fiber/copper | | X | | X | | | X | | | Guards, Burglar alarm | | X | | X | |
| Atlanta Area | X | | COAX | | X | | | X | | X | | | Contracted security, System (elec.) a door, Motion detector, Phone link to AP, Guard | | X | | X | |
| Augusta | X | X | Type 1 copper/fiber optics | | | X | X | | | X | | | Guards, Burglar alarm, Camera | | X | | X | |
| Ben Hill-Irwin | | X | UTP | | | X | | X | | X | | X | --- | | X | | X | |
| Brunswick | X | | --- | | | X | --- | --- | | --- | X | | --- | | X | | | X |
| Carroll | --- | --- | Fiber/copper | | X | | X | | | X | | X | Burglar alarm | | | X | X | |
| Chattahoochee | X | | STP/fiber/shielded twisted pair | | | X | X | | | X | | | Guard, Burglar alarm | | | X | X | |
| Columbus | X | | --- | | | X | X | | | X | | | Guard, Burglar alarm | | X | | X | |
| Coosa Valley | X | | (not specified) | | | X | X | | X | | X | | Guard, Burglar alarm | | | X | X | |
| DeKalb | | X | Coax/fiber | | X | | X | | | X | | X | Guard, Burglar alarm | | X | | X | |
| Flint River | | X | Type 2/type 5 | | | X | X | | | X | | | --- | | | X | X | |
| Griffin | X | | --- | | X | | X | | | X | | | Guard, Burglar alarm | | | X | | X |
| Gwinnett | X | X | Twisted pair | | | X | X | | | X | | | Guard, Burglar alarm, Camera | | X | | X | |
| Heart of GA | X | | Fiber/b-bone/type 1 STP/IBM type | | X | | | X | | X | | X | Burglar alarm/motion detector door sensor | | | X | X | |
| Lanier | X | | STP IBM type 1/plenum/fiber | | X | | X | | | X | | | Burglar alarm | | X | | | X |
| Macon | X | X | Coax/fiber optics | | X | | X | | | X | | X | Guard | | X | | --- | --- |
| Middle GA | X | | Unshielded type 5/twisted pair | | X | | X | | | X | | X | --- | | X | | X | |

| Institute | Cable desired | | Cable existing | Inst. paging system | | Pages | | Cellular phones | | Technology committee | | Security system | | Two-way radios | | West bulletin board monitors | |
|--------------|---------------|------|-----------------------------------|---------------------|---|-------|---|-----------------|---|----------------------|---|--------------------------------|--|----------------|---|------------------------------|-----|
| | F-Optics | Coax | | Y | N | Y | N | Y | N | Y | N | | | Y | N | Y | N |
| Moultrie | X | | Unshielded twisted pair/fiber | X | | X | | | X | | X | Burglar alarm | | | X | X | |
| North GA | X | | --- | | X | | X | X | | | X | Guard | | X | | | X |
| North Metro | | --- | Fiber/shielded tp/tp | | X | X | | X | | X | | Guard, Burglar alarm | | X | | X | |
| Ogeechee | X | | Wiring closet in ea. wing | | X | X | | X | | X | | Burglar alarm, card access | | X | | X | |
| Okefenokee | X | | IBM/tp1 twisted pair/fiber optic | X | | X | | | X | X | | Burglar alarm | | | X | --- | --- |
| Pickens | X | | Shielded twisted pair/fiber optic | | X | X | | | X | X | | Burglar alarm, fire alarm | | X | | X | |
| Savannah | X | | --- | | X | X | | X | | X | | Guard, Burglar alarm, Contract | | X | | X | |
| South GA | X | X | W/each. bldg/connect all bldg. | | X | X | | | X | X | | Guard | | X | | X | |
| Southeastern | X | X | --- | X | | | X | | X | X | | Burglar alarm, P-word for Inet | | X | | X | |
| Swainsboro | --- | --- | Fiber | X | | | X | | X | | X | None | | X | | X | |
| Thomas | X | | Token ring | | X | X | | X | | X | | Burglar alarm | | | X | X | |
| Valdosta | X | | Twisted pair | X | | X | | | X | X | | Burglar alarm, Camera | | | X | | X |
| Walker | X | | UTP cat.5/iber | | X | X | | X | | X | | Guard, Burglar alarm | | | X | | X |
| West GA | X | | Data/cat.5/copper/fiber | X | | X | | | X | | X | Burglar alarm | | X | | X | |

TECHNICAL INSTITUTE COORDINATORS 11/1/94

DLTC = Distance Learning Technology Coordinator

STC = Satellite Technology Coordinator

NTC = Network Technology Coordinator

Albany Technical Institute

DLTC: Elizabeth Robinson, Acting VP of Instruction

STC: Thomas Marshall, Director of Maintenance

NTC: Debra Fields, Director MIS

(912) 430-3500/(912) 430-5115

Altamaha Technical Institute

DLTC: Hank Martin, Special Assistant to the President

STC: Hank Martin, Special Assistant to the President

NTC: Chris Missel, Staff

(912) 427-5800/(912) 427-5823

Athens Area Technical Institute

DLTC: Dennis Ashworth, Instructor

STC: Dale Luchsinger

NTC: Dennis Ashworth, Instructor

(706) 542-8050/(706) 369-5753

Atlanta Area Technical Institute

DLTC: Moses Norman

STC: Arthur Grier

NTC: Michelle Jackson

(404) 756-3700/(404) 756-0932

Augusta Technical Institute

DLTC: Pam Wittke, Director of Distance Learning

STC: Virginia Martin-Brown or Karl Williams

NTC: Gerry Crook, Network Manager

(706) 771-4046/(706) 771-4016

Ben Hill-Irwin Technical Institute

DLTC: Andy Paulk, Distance Learning Coordinator

STC: Andy Paulk, Distance Learning Coordinator

NTC: Andy Paulk, Distance Learning Coordinator & Carol Cullifer, Multi-media Specialist

(912) 468-7487/(912) 468-5550

Brunswick College

DLTC: Vacant

STC: Calvin Deweese

NTC: None

(912) 264-7203/(912) 262-3282

Carroll Technical Institute

DLTC: Kathy Brock, Systems Trainer & Janet Ayers, Program Coordinator

STC: Jim Agan, Satellite Program Coordinator

NTC: Mark Ayers, Information Services Director

(404) 836-6800/(404) 836-6807

Chattahoochee Technical Institute

DLTC: Hettie Sapree, Instructor

STC: Dick Spain, Media Specialist

NTC: Vincent Ogbu, Instructor

(404) 528-4500/(404) 528-4455

Columbus Technical Institute

DLTC: Edgar Lester, Librarian

STC: Adrian Palmer, Electronic Instructor

NTC: Jody Lee, Technical Specialist

(706) 649-1852/(706) 649-1885

Coosa Valley Technical Institute

DLTC: Nancy Gribble, Director Business and Industry Services

STC: Dottie Gregg, Director of Instruction

NTC: Dottie Gregg, Director of Instruction

(706) 235-6756/(706) 290-1147--Gribble

(706) 235-1143/(706) 232-5318--Gregg

DeKalb Technical Institute

DLTC: John Buell, Dean

STC: John Buell, Dean

NTC: John Buell, Dean

(404) 297-9522 ext. 130/(404) 294-4234

Flint River Technical Institute

DLTC: George Ford, Coordinator of Library Services

STC: George Ford, Coordinator of Library Services

NTC: David Neyhart, Microcomputer Specialist/Instructor

(706) 647-9616/(706) 647-0932

Griffin Technical Institute

DLTC: Carla Higgins, Librarian

STC:

NTC:

(800) 338-6274

Gwinnett Technical Institute

DLTC: Morris Friedman, VP Academic Affairs

STC: Dennis Buchanan

NTC: Dennis Buchanan

(404) 962-7580/(404) 962-7985

Heart of Georgia Technical Institute

DLTC: Chris Thompson, Information Technology Specialist

STC: Chris Thompson, Information Technology Specialist

NTC: Gary Ladue, Administrative Computer Specialist

(912) 275-6589/(912) 275-6642

Lanier Technical Institute

DLTC: Lambert Royal, Electronics Instructor

STC: Ray Heimbach, Director Maintenance

NTC: Wayne Hammerstrom, MIS Director

(404) 531-6300/(404) 531-6306

Macon Technical Institute

DLTC: Neil McArthur, Director Library/Media Services

STC: Neil McArthur, Director Library/Media Services

NTC: Don McMahan, Information Systems

(912) 757-3400/(912) 757-3454

Middle Georgia Technical Institute

DLTC: Hershel Standard, Microcomputer Department Head

STC: Hershel Standard, Microcomputer Department Head

NTC: Deborah, Drazdowski, Technology Coordinator

(912) 929-6800/(912) 929-6835

Moultrie Technical Institute

DLTC: Melvin Mills, Instructor

STC: Melvin Mills, Instructor

NTC: David Akridge, Instructor

(912) 985-2297/(912) 890-2865

North Georgia Technical Institute

DLTC: Janet Ivester, Media Specialist

STC: Janet Ivester, Media Specialist

NTC: Michael A. Strader, Computer Resources Manager
(706) 754-7700/(706) 754-7780

North Metro Technical Institute

DLTC: Beverly Taylor, Media Specialist

STC: Beverly Taylor, Media Specialist

NTC: Brent Williams, Department Chair
(404) 975-4000/(404) 975-4044

Ogeechee Technical Institute

DLTC: Bob Puckett, Technical Support Specialist

STC: Bob Puckett, Technical Support Specialist

NTC: Bob Puckett, Technical Support Specialist
(912) 681-5500/(912) 871-1162

Okefenokee Technical Institute

DLTC: Jim Carter

STC: Jim Carter

NTC: Jim Carter
(912) 287-6584/(912) 287-4865

Pickens Technical Institute

DLT Contact: Rene Stover, Electronics Instructor

ST Contact: Rene Stover, Electronics Instructor

NTC:
(706) 692-3411/(706) 692-3208

Savannah Technical Institute

DLTC: Vince Edwards, Director of Customer Service

STC: Vince Edwards, Director of Customer Service

NTC:
(912) 351-4448/(912) 352-4362

South Georgia Technical Institute

DLTC: Jon E. Johnson, Executive Vice President

STC: Jon E. Johnson, Executive Vice President

NTC: Wray Skipper, Director of MIS
(912) 931-2004/(912) 931-2459

Southeastern Technical Institute

DLTC: Tony R. Knight, Information Systems Specialist

STC: Tony R. Knight, Information Systems Specialist

NTC: Tony R. Knight, Information Systems Specialist

(912) 537-0386/(912) 537-6856/GIST 374-XXXX

Swainsboro Technical Institute

DLTC: Vacant

STC:

NTC: Vacant

(912) 237-6465/(912) 237-4043

Thomas Technical Institute

DLTC: Debbie Goodman, Director Institutional Effect

STC: Archie N. Hatcher, Registrar

NTC: Archie N. Hatcher, Registrar

(912) 225-4096/(912) 225-4330

Valdosta Technical Institute

DLTC: John Wilkinson, Director of Students Information

STC: John Wilkinson, Director of Students Information

NTC: John Wilkinson, Director of Students Information

(912) 249-2670/(912) 333-2129

Walker Technical Institute

DLTC: Michael K. Miller, Director of Library Services

STC: Lamar Thurman, Electronics Instructor

NTC: John Bryson, Computer Systems Manager/Instructor

(706) 764-3510/(706) 764-3566

West Georgia Technical Institute

DLTC: Bill Gray, Coordinator of Information Technology

STC: Bill Gray, Coordinator of Information Technology

NTC: Bill Gray, Coordinator of Information Technology

(706) 883-8324 ext. 204/(706) 883-6048

INFORMATION TECHNOLOGY SURVEY

A SUMMARY OF RESPONSES

**Prepared by the
Occupational Research Group at
The University of Georgia
Under Contract to the
Georgia Department of
Technical & Adult Education**

**Ray I. Anukam, Ed.D.
SURVEY DATA ANALYST**

**Dorothy Harnish, Ed.D.
PROJECT COORDINATOR**

November 1995

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PROJECT COORDINATOR**

November 1995

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Purpose of the Study:

The 1995 Technology Survey of Georgia Technical Institutes was developed as a shorter version of the 1994 Survey. It was designed to provide a comprehensive system-wide review and the most current information about different types of technology uses at Georgia's technical institutes. The survey results are intended to answer technology questions of the Presidents' Council Information Technology Committee. The results will be used in the planning and implementing of future technology activities.

Methodology:

The Occupational Research Group (ORG) at the University of Georgia (UGA), under contract to the Georgia Department of Technical and Adult Education (GDTAE), revised the 1994 technology survey and presented the new format to the Presidents' Council Information Technology Committee. The Committee reviewed and corrected the draft document before developing the final questionnaire.

Sample Selection:

All thirty-three technical institutes in Georgia received the survey documents and participated in the study. Due to the urgent need of this survey results by the Presidents' Council Information Technology Committee, the respondents were asked to send completed surveys by fax. Although under a short notice, all the appropriate individuals in each of the institutes returned their completed surveys.

Data Analysis:

Data were collected from all thirty-three technical institutes. All questionnaires returned were usable and included in the data analyses. Data were coded, recorded and analyzed using the Statistical Package for Social Sciences (SPSS) program. The frequency and percentage of all the responses were determined by using total number of usable survey instrument. Using the Microsoft Excel Program, the tables and graphs of responses were generated.

For easier interpretation, the responses were grouped into SECTIONS as represented in the original questionnaire. Each SECTION has its own unique question items. Graphical illustrations were prepared for easier interpretation of the results.

| SECTION I: GEORGIA PUBLIC TV (GPTV) | | | | |
|--|---------|----------------|--|--|
| 1. TIs that utilize the services of Georgia Public Television (GPTV) | | | | |
| Response Type | Percent | No of Response | | |
| YES | 73% | 24 | | |
| NO | 27% | 9 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |

TECHNICAL INSTITUTES THAT UTILIZE GEORGIA PUBLIC TV

NO
27%



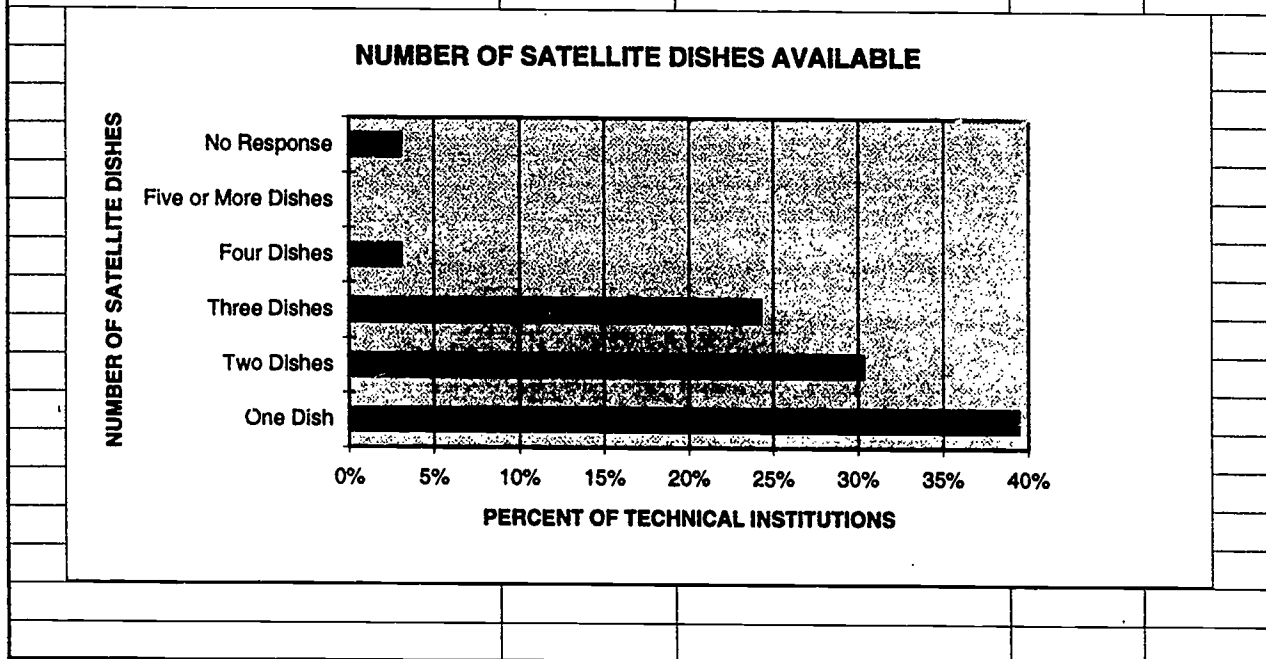
YES
73%

SECTION II: SATELLITE DISHES

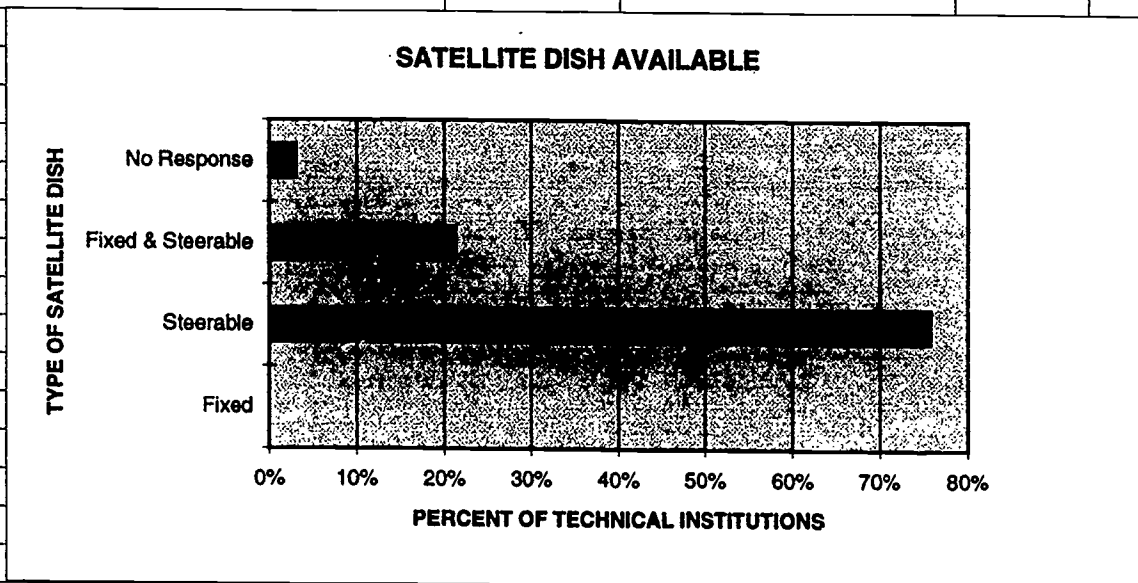
1. Do you have a Satellite Receiving (Down-link) Dish?

| Response Type | Percent | No of Response | | |
|---------------|---------|----------------|--|--|
| YES | 100% | 33 | | |
| NO | 0% | 0 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |

| | | | | |
|--------------------------------------|----------------|---------------------|--|--|
| 2. Number of Satellite Dishes | | | | |
| No of TIs | Percent | No of Dishes | | |
| One Dish | 39% | 13 | | |
| Two Dishes | 30% | 10 | | |
| Three Dishes | 24% | 8 | | |
| Four Dishes | 3% | 1 | | |
| Five or More Dishes | 0% | 0 | | |
| No Response | 3% | 1 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |



| | | | | |
|-------------------------------|----------------|---------------------|--|--|
| 3. Type of Satellite Dish(es) | | | | |
| Type | Percent | No of Dishes | | |
| Fixed | 0% | 0 | | |
| Steerable | 76% | 25 | | |
| Fixed & Steerable | 21% | 7 | | |
| No Response | 3% | 1 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |



SECTION III: CABLE TELEVISION (CTV)

1. Does your service area have Cable TV availability?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 85% | 28 |
| NO | 15% | 5 |
| TOTAL | 100% | 33 |

AVAILABILITY OF CABLE TV IN TI AREA

NO
15%



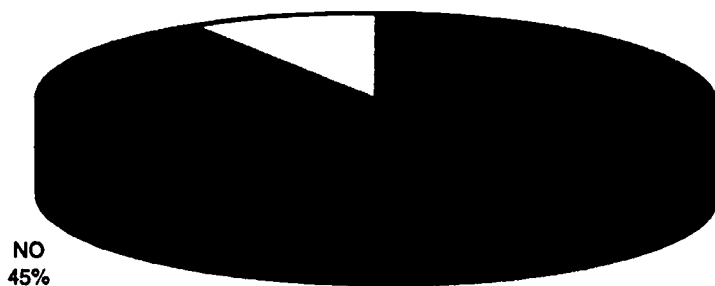
YES
85%

2. Do you have Cable TV to your TI?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 45% | 15 |
| NO | 45% | 15 |
| No Response | 9% | 3 |
| TOTAL | 100% | 33 |

AVAILABILITY OF CABLE TV TO TI

No Response
9%

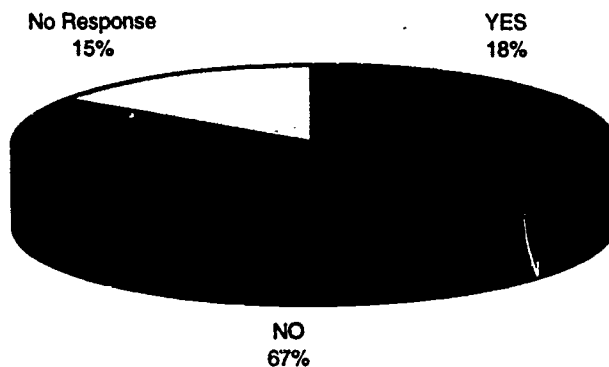


YES
46%

NO
45%

| | | | | |
|---|----------------|-----------------------|--|--|
| 3. Do you utilize the Educational Channel of your CTV provider? | | | | |
| Response Type | Percent | No of Response | | |
| YES | 18% | 6 | | |
| NO | 67% | 22 | | |
| No Response | 15% | 5 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |

UTILIZATION OF THE EDUCATIONAL CHANNEL OF CTV PROVIDER



SECTION IV: CLOSED CIRCUIT TV (CCTV)

1. Is your institute wired for Closed Circuit Television (CCTV)?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 73% | 24 |
| NO | 27% | 9 |
| TOTAL | 100% | 33 |

TECHNICAL INSTITUTE IS WIRED FOR CCTV

NO
27%



YES
73%

2. If NO, do you intend to utilize CCTV in the future?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 52% | 17 |
| NO | 24% | 8 |
| No Response | 24% | 8 |
| TOTAL | 100% | 33 |

INTENTION TO UTILIZE CCTV IN THE FUTURE

No Response
24%



YES
52%

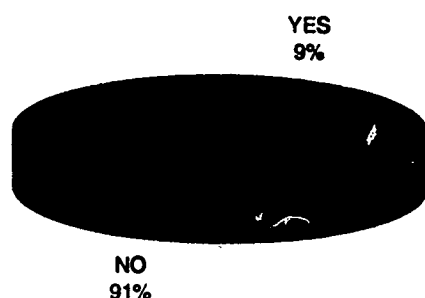
NO
24%

SECTION V: VIDEO DISTRIBUTION AND PRESENTATION SYSTEM

1. Do you have a School Television Station or Broadcast Studio?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 9% | 3 |
| NO | 91% | 30 |
| TOTAL | 100% | 33 |

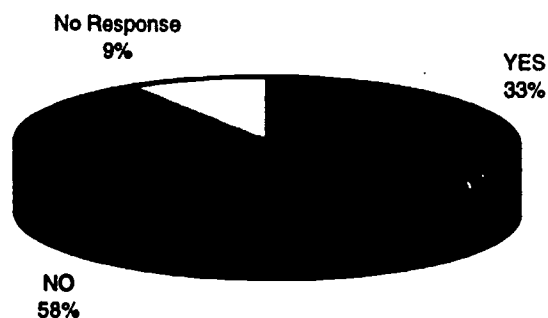
AVAILABILITY OF TECHNICAL INSTITUTE TV STATION OR BROADCAST STATION



2. If NO, do you intend to have a School Television or Broadcast Studio?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 33% | 11 |
| NO | 58% | 19 |
| No Response | 9% | 3 |
| TOTAL | 100% | 33 |

ANY INTENTION TO HAVE A TV STATION OR BROADCAST STUDIO?



SECTION VI: MICROWAVE TOWERS

1. Do you have microwave towers available in your service area?

| Response Type | Percent | No of Response |
|----------------------|----------------|-----------------------|
| YES | 61% | 20 |
| NO | 39% | 13 |
| TOTAL | 100% | 33 |

AVAILABILITY OF MICROWAVE TOWERS IN SERVICE AREANO
39%YES
61%**SECTION VII: DISTANCE LEARNING**

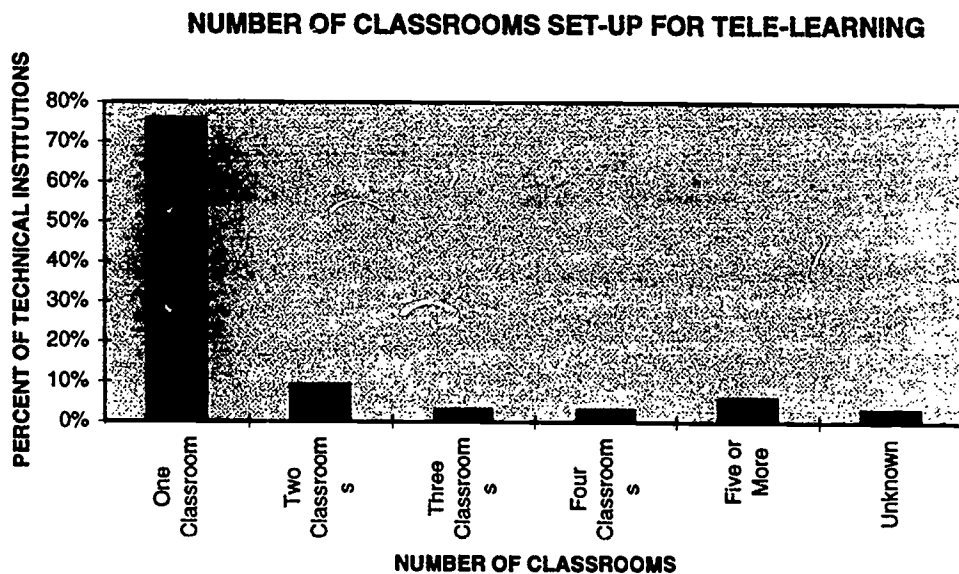
1. Do you have classrooms set-up for tele-learning?

| Response Type | Percent | No of Response |
|----------------------|----------------|-----------------------|
| YES | 94% | 31 |
| NO | 6% | 2 |
| TOTAL | 100% | 33 |

AVAILABILITY OF CLASSROOMS SET-UP FOR TELE-LEARNINGNO
6%YES
94%

2. HOW many classrooms are set-up for tele-learning?

| <u>No of Classrooms</u> | <u>Percent</u> | <u>No of Classrooms</u> | | |
|-------------------------|----------------|-------------------------|--|--|
| One Classroom | 76% | 25 | | |
| Two Classrooms | 9% | 3 | | |
| Three Classrooms | 3% | 1 | | |
| Four Classrooms | 3% | 1 | | |
| Five or More | 6% | 2 | | |
| Unknown | 3% | 1 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |



SECTION VIII: DISTANCE LEARNING EQUIPMENT

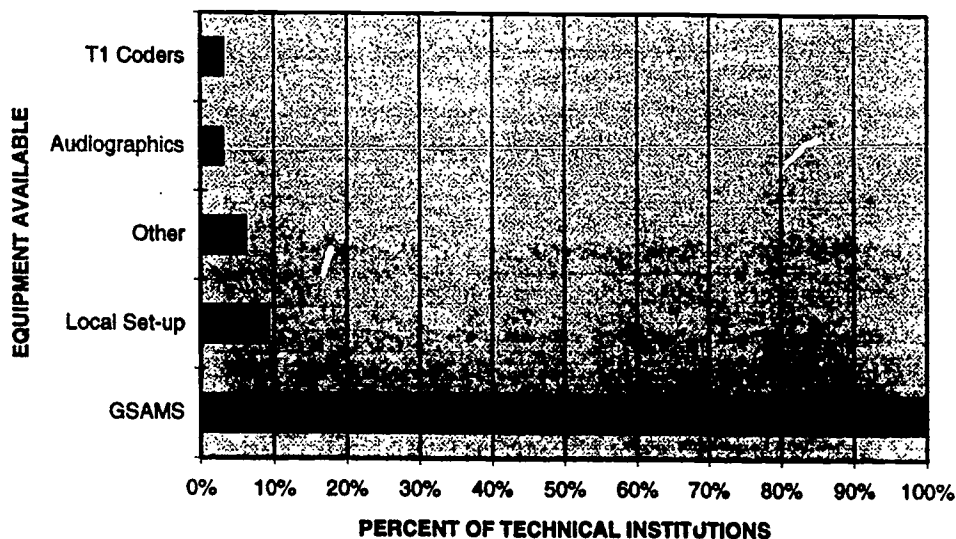
1. Do you have distance learning equipment for individuals or groups?


| Response Type | Percent | No of Response |
|---------------|---------|----------------|
| YES | 100% | 33 |
| NO | 0% | 0 |
| TOTAL | 100% | 33 |

2. What type of equipment is available?

| Response Type | Percent | No of Response |
|---------------|---------|----------------|
| GSAMS | 100% | 33 |
| Local Set-up | 9% | 3 |
| Other | 6% | 2 |
| Audiographics | 3% | 1 |
| T1 Coders | 3% | 1 |

TYPE OF EQUIPMENT AVAILABLE



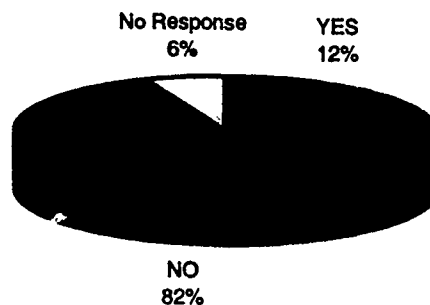
| | | | | |
|--|----------------|-----------------------|--|--|
| SECTION IX: TELEPHONE REGISTRATION | | | | |
| 1. Do you have student telephone registration system? | | | | |
| Response Type | Percent | No of Response | | |
| YES | 0% | 0 | | |
| NO | 97% | 32 | | |
| No Response | 3% | 1 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |
| <p align="center">AVAILABILITY OF TELEPHONE REGISTRATION SYSTEM</p> <p align="center">No Response 3%</p>  <p align="center">NO 97%</p> | | | | |
| | | | | |

SECTION X: DESKTOP VISUAL COMMUNICATION (DVC)

1. Are you using Desktop Visual Communication (DVC)?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 12% | 4 |
| NO | 82% | 27 |
| No Response | 6% | 2 |
| TOTAL | 100% | 33 |

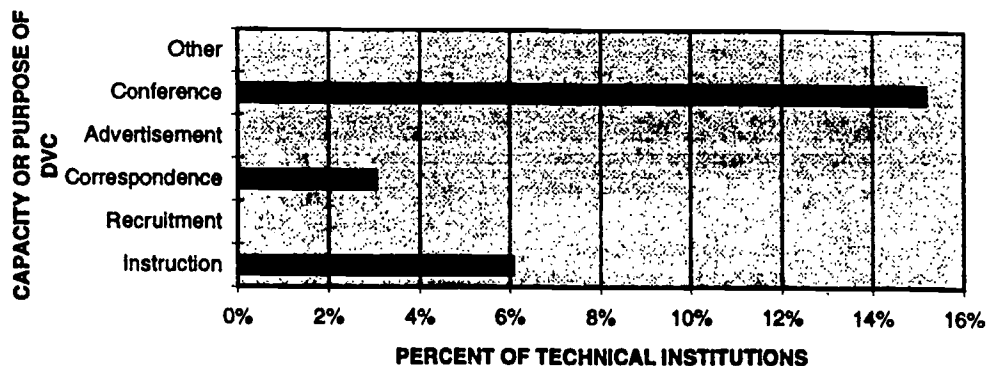
USE OF DESKTOP VISUAL COMMUNICATION (DVC)

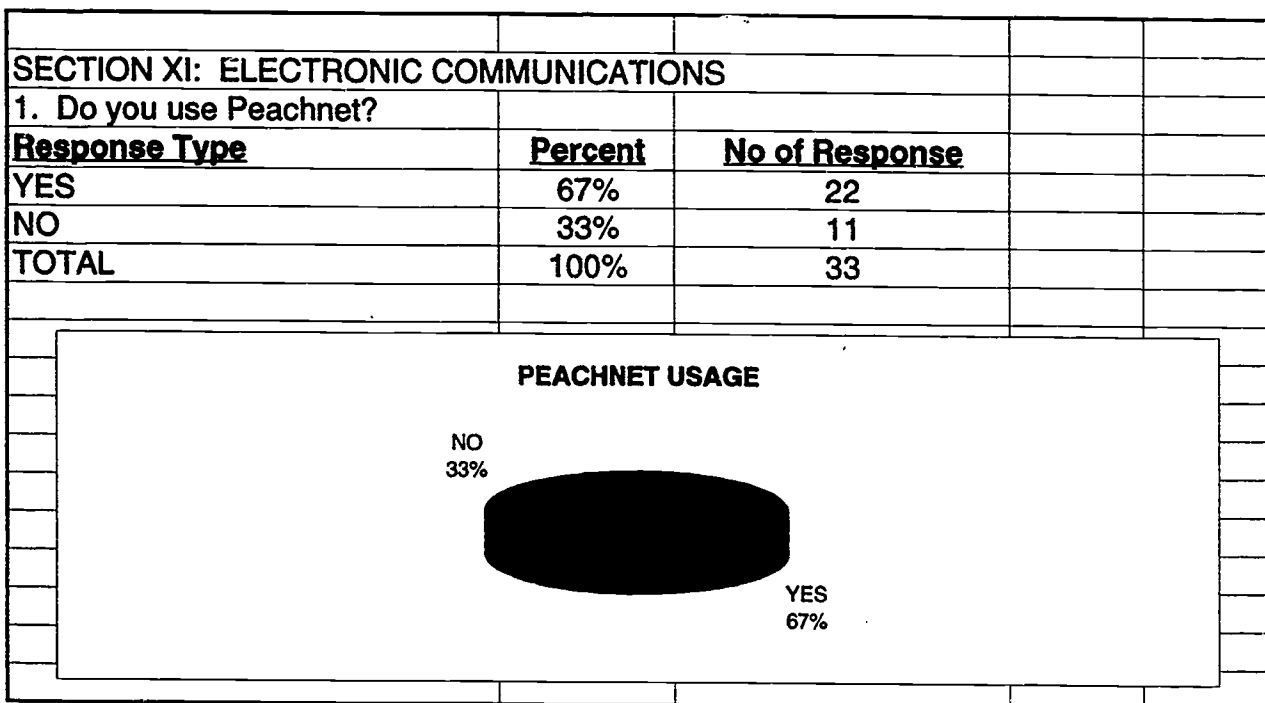


2. In what capacity or purpose do you use DVC?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| Instruction | 6% | 2 |
| Recruitment | 0% | 0 |
| Correspondence | 3% | 1 |
| Advertisement | 0% | 0 |
| Conference | 15% | 5 |
| Other | 0% | 0 |

CAPACITY OR PURPOSE OF DVC

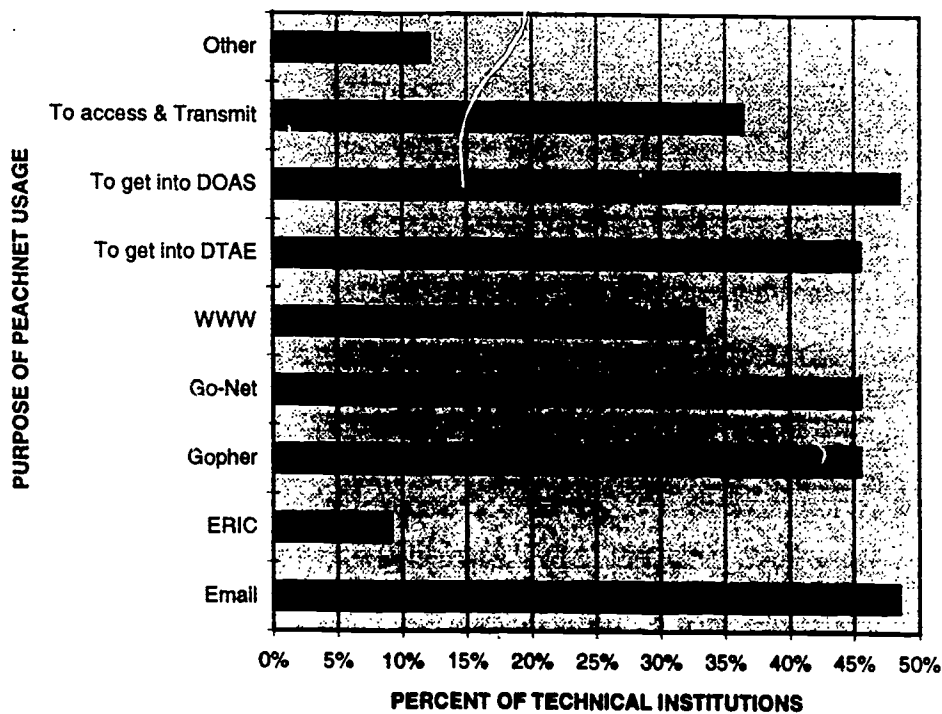


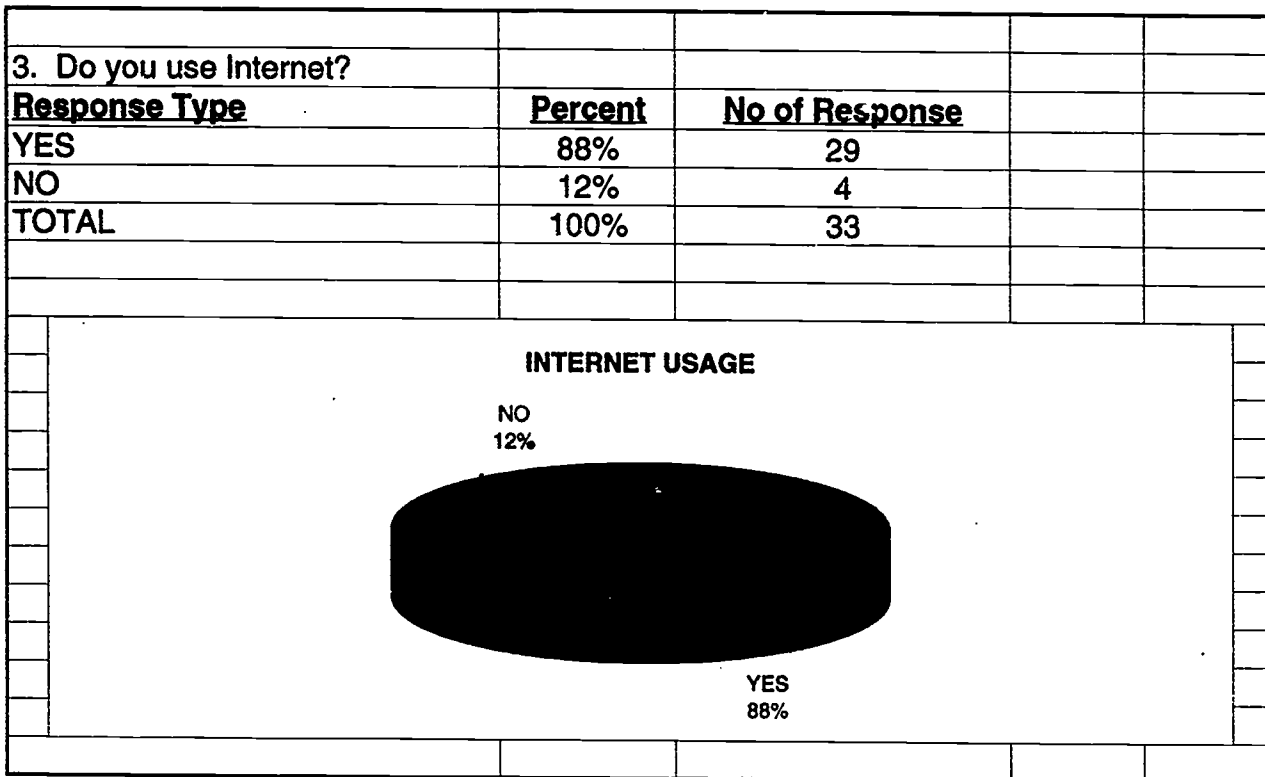


2. In what capacity or purpose do you use PeachNet?

| Response Type | Percent | No of Response |
|----------------------|----------------|-----------------------|
| Email | 48% | 16 |
| ERIC | 9% | 3 |
| Gopher | 45% | 15 |
| Go-Net | 45% | 15 |
| WWW | 33% | 11 |
| To get into DTAE | 45% | 15 |
| To get into DOAS | 48% | 16 |
| To access & Transmit | 36% | 12 |
| Other | 12% | 4 |
| Endora | 3% | 1 |
| Solinet/Internet | 3% | 1 |
| Router | 3% | 1 |
| View State Contracts | 3% | 1 |

USE OF PEACHNET

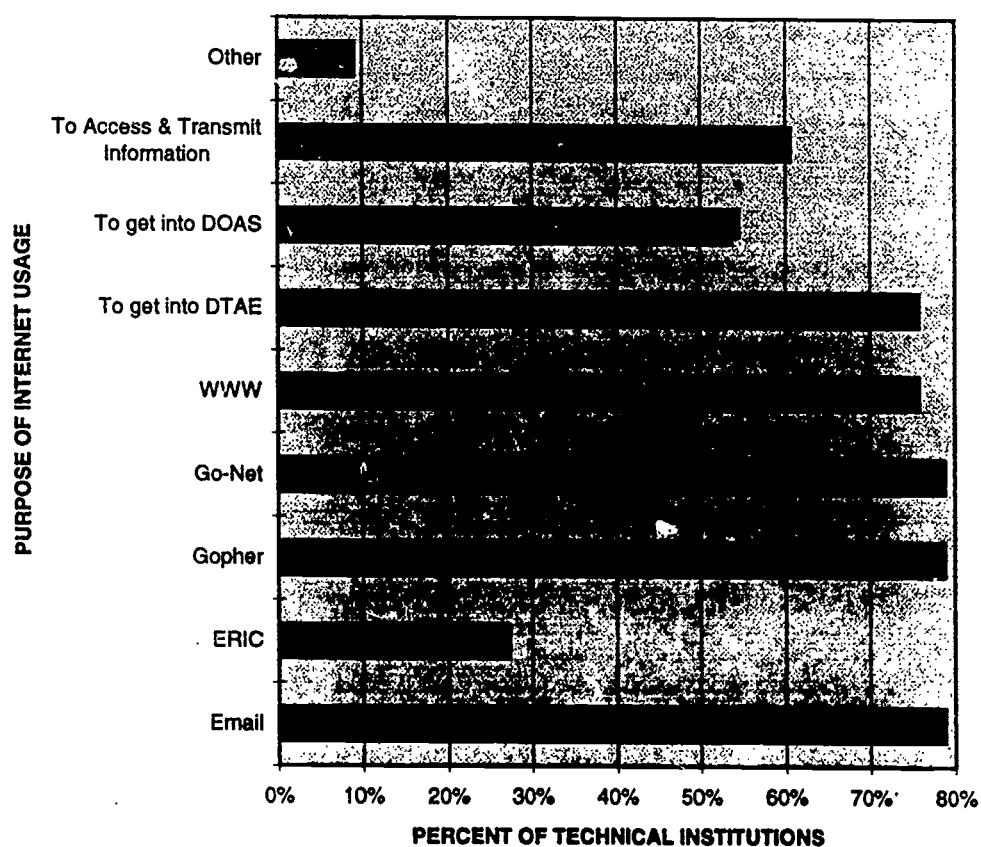




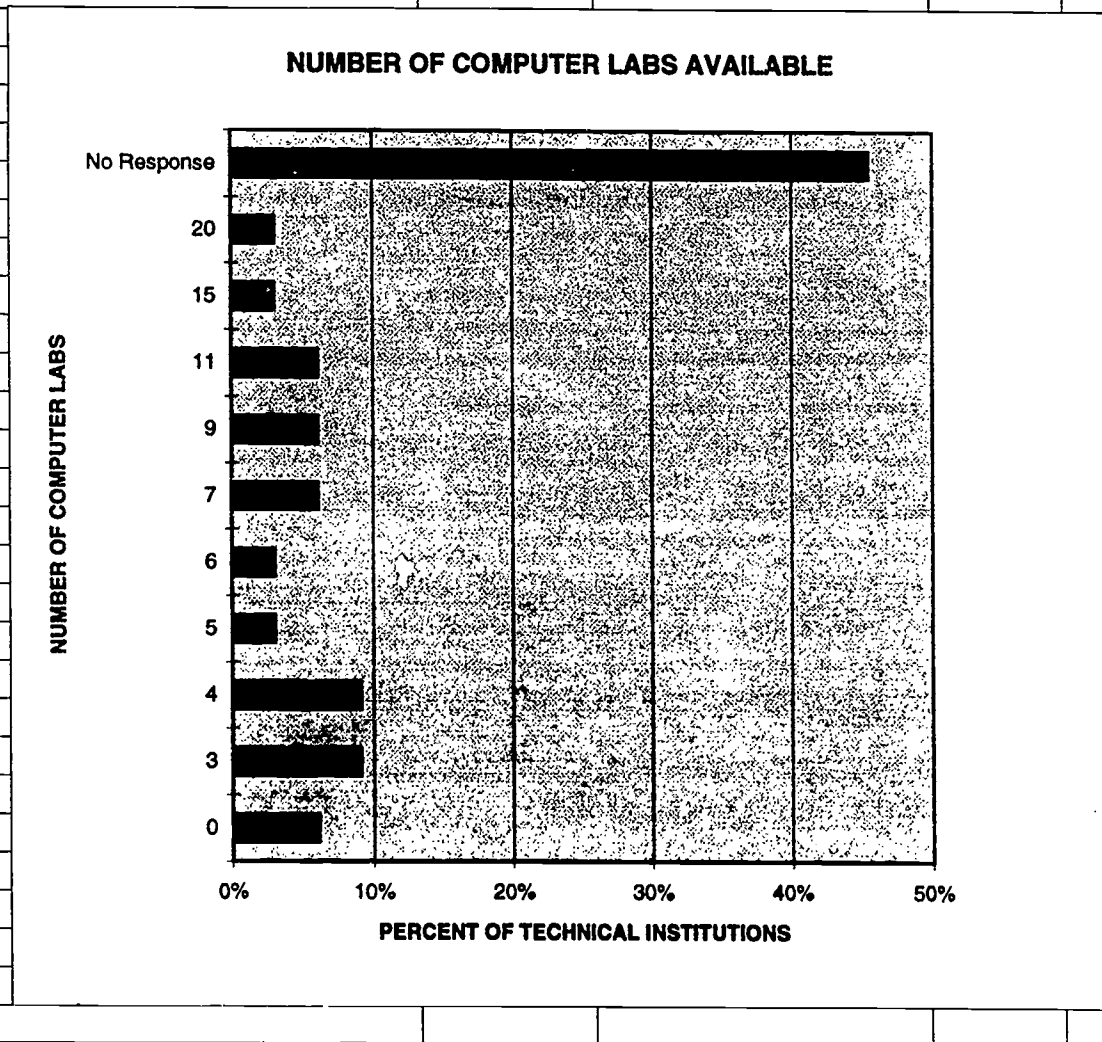
4. In what capacity do you use Internet?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------------------|----------------|-----------------------|
| Email | 79% | 26 |
| ERIC | 27% | 9 |
| Gopher | 79% | 26 |
| Go-Net | 79% | 26 |
| WWW | 76% | 25 |
| To get into DTAE | 76% | 25 |
| To get into DOAS | 55% | 18 |
| To Access & Transmit Information | 61% | 20 |
| Other | 9% | 3 |
| Standard/Guides | 3% | 1 |
| Solinet/Internet | 3% | 1 |
| Access Student Information | 3% | 1 |

USE OF INTERNET



| | | | | |
|----------------------------|----------------|-----------------------|--|--|
| 5. How many Computer Labs? | | | | |
| Response Type | Percent | No of Response | | |
| 0 | 6% | 2 | | |
| 3 | 9% | 3 | | |
| 4 | 9% | 3 | | |
| 5 | 3% | 1 | | |
| 6 | 3% | 1 | | |
| 7 | 6% | 2 | | |
| 9 | 6% | 2 | | |
| 11 | 6% | 2 | | |
| 15 | 3% | 1 | | |
| 20 | 3% | 1 | | |
| No Response | 45% | 15 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |

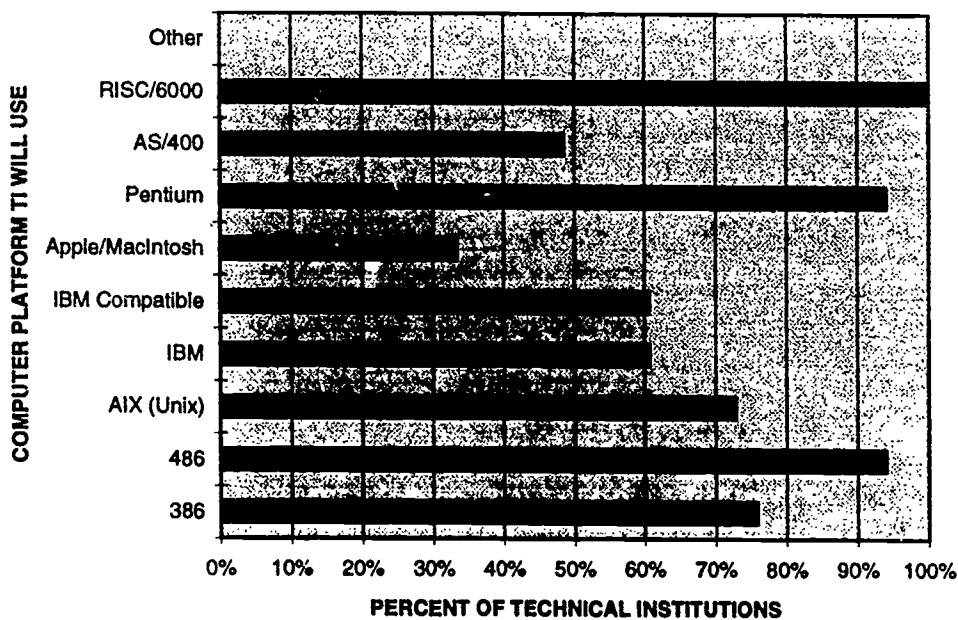


SECTION XII: COMPUTER PLATFORM

1. Computer platform TI will be using

| Response Type | Percent | No of Response |
|-----------------|---------|----------------|
| 386 | 76% | 25 |
| 486 | 94% | 31 |
| AIX (Unix) | 73% | 24 |
| IBM | 61% | 20 |
| IBM Compatible | 61% | 20 |
| Apple/Macintosh | 33% | 11 |
| Pentium | 94% | 31 |
| AS/400 | 48% | 16 |
| RISC/6000 | 100% | 33 |
| Other | 0% | 0 |

COMPUTER PLATFORM USAGE

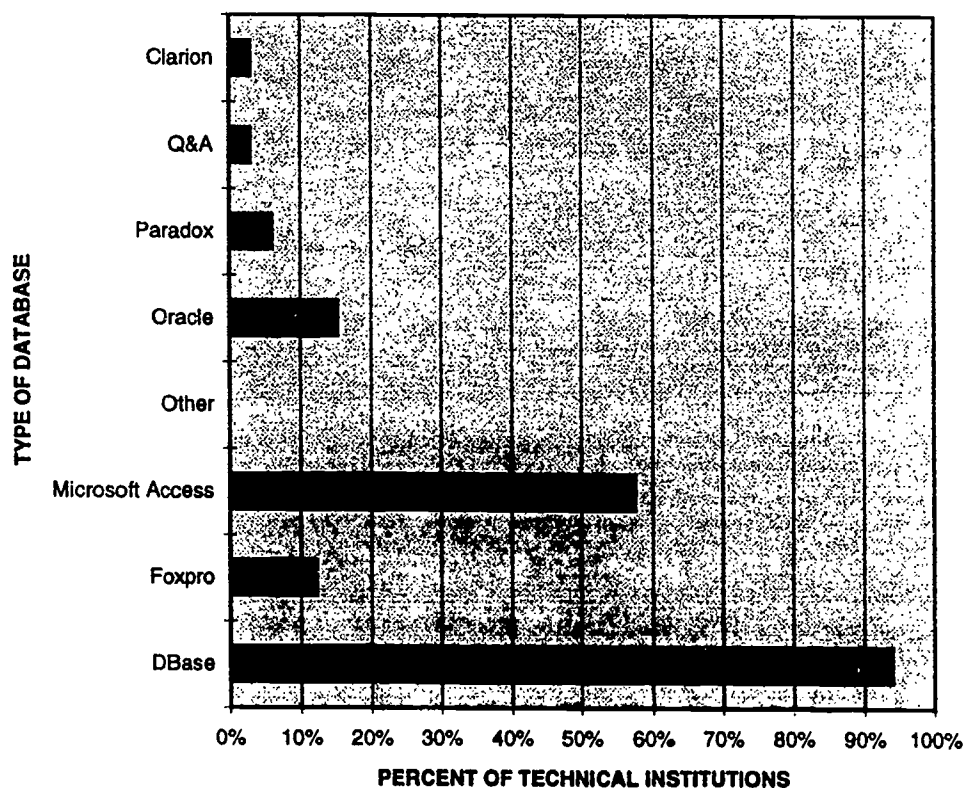


SECTION XIII: APPLICATION SOFTWARE USED

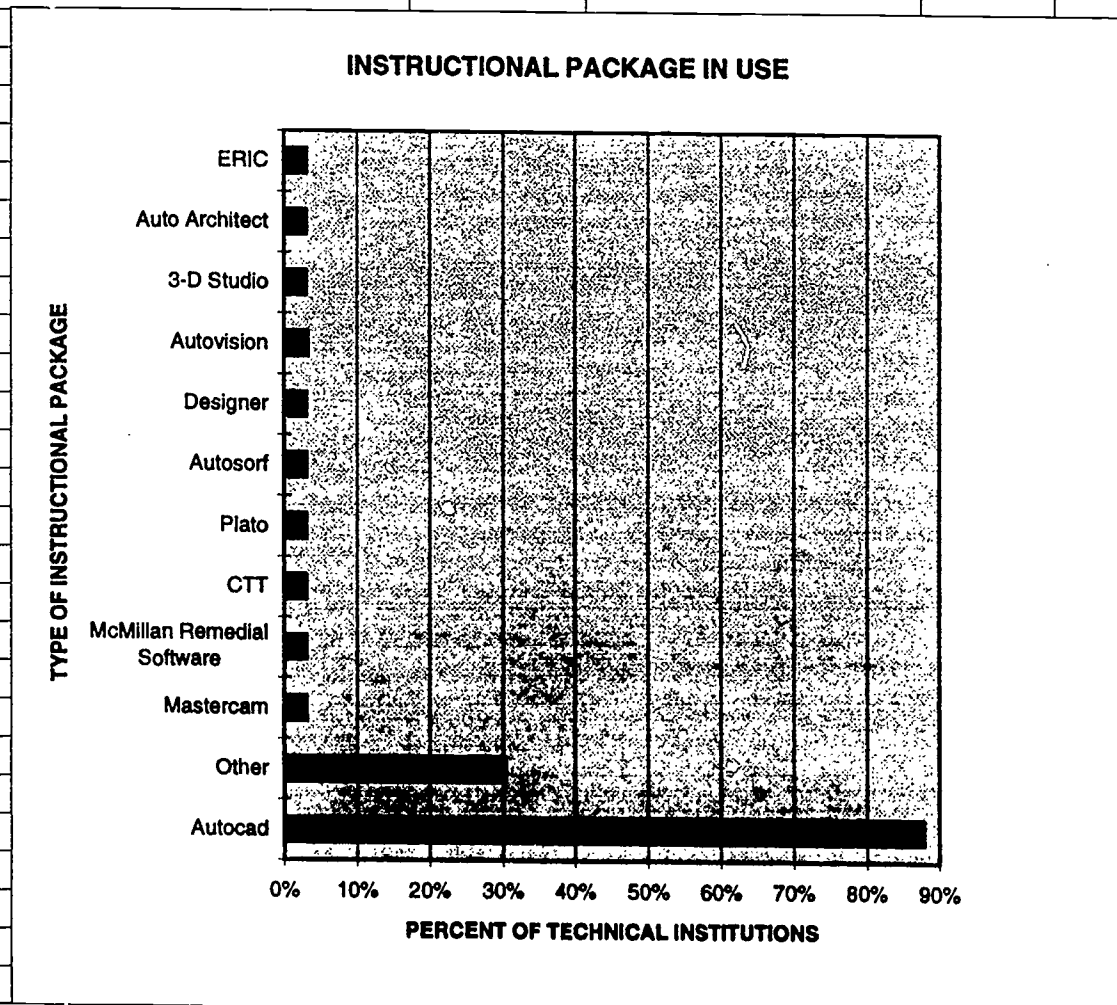
1. Database Packages used

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| DBase | 94% | 31 |
| Foxpro | 12% | 4 |
| Microsoft Access | 58% | 19 |
| Other | 0% | 0 |
| Oracle | 15% | 5 |
| Paradox | 6% | 2 |
| Q&A | 3% | 1 |
| Clarion | 3% | 1 |

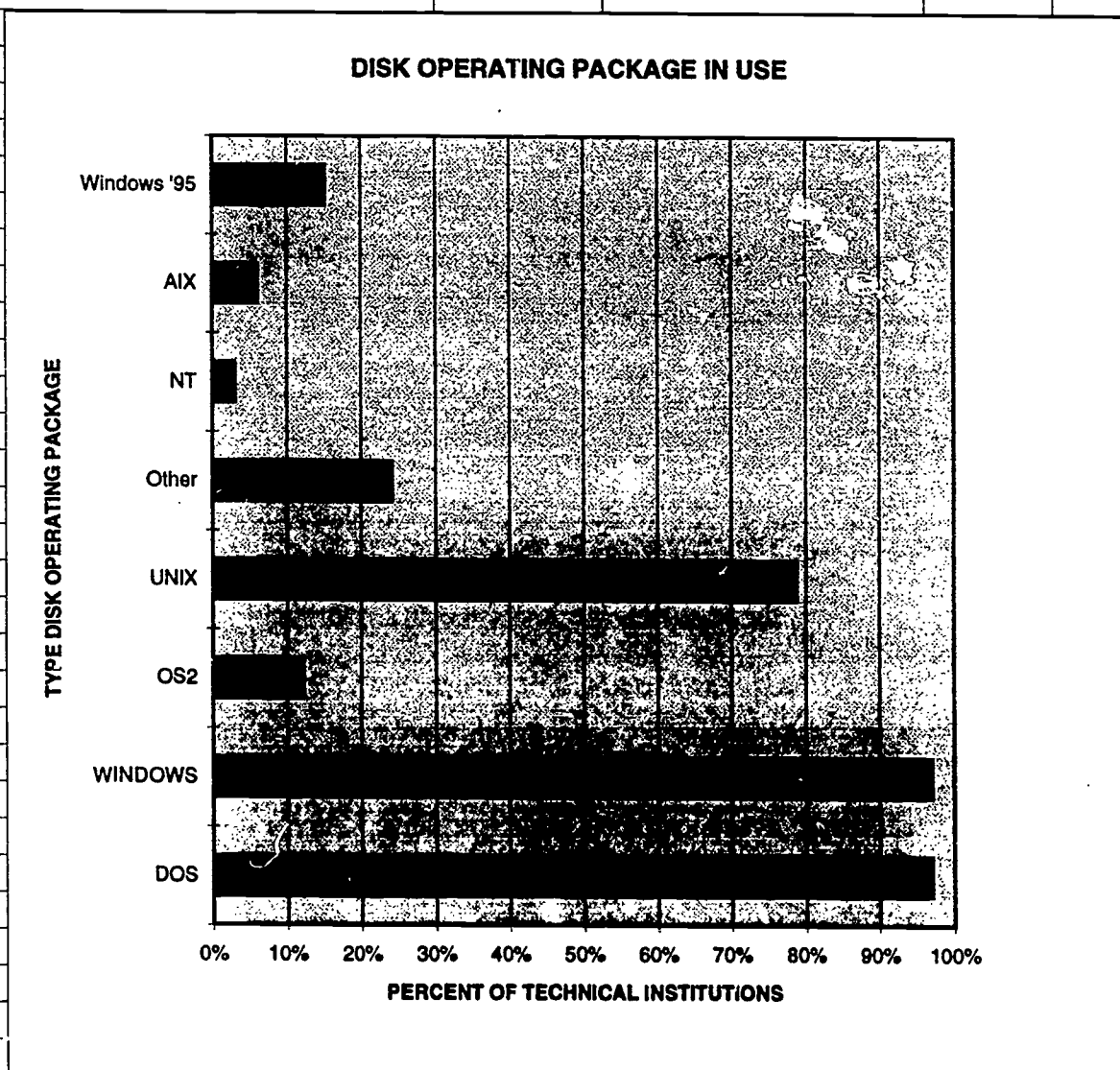
DATABASE PACKAGES IN USE



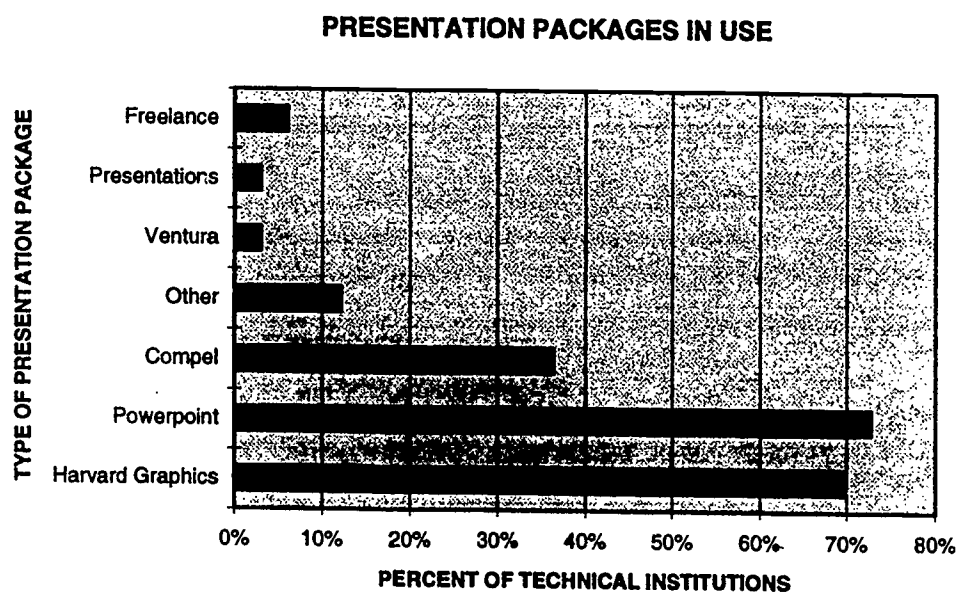
| 2. Instructional Packages | | | |
|----------------------------|---------|----------------|--|
| Response Type | Percent | No of Response | |
| Autocad | 88% | 29 | |
| Other | 30% | 10 | |
| Mastercam | 3% | 1 | |
| McMillan Remedial Software | 3% | 1 | |
| CTT | 3% | 1 | |
| Plato | 3% | 1 | |
| Autosorf | 3% | 1 | |
| Designer | 3% | 1 | |
| Autovision | 3% | 1 | |
| 3-D Studio | 3% | 1 | |
| Auto Architect | 3% | 1 | |
| ERIC | 3% | 1 | |
| | | | |
| | | | |



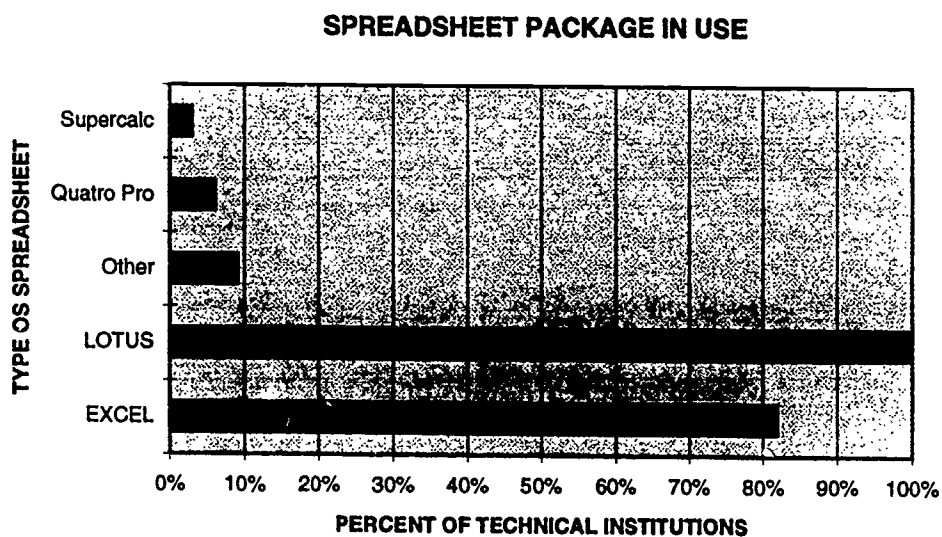
| 3. Disk Operating Packages | | | |
|----------------------------|---------|----------------|--|
| Response Type | Percent | No of Response | |
| DOS | 97% | 32 | |
| WINDOWS | 97% | 32 | |
| OS2 | 12% | 4 | |
| UNIX | 79% | 26 | |
| Other | 24% | 8 | |
| NT | 3% | 1 | |
| AIX | 6% | 2 | |
| Windows '95 | 15% | 5 | |
| | | | |
| | | | |



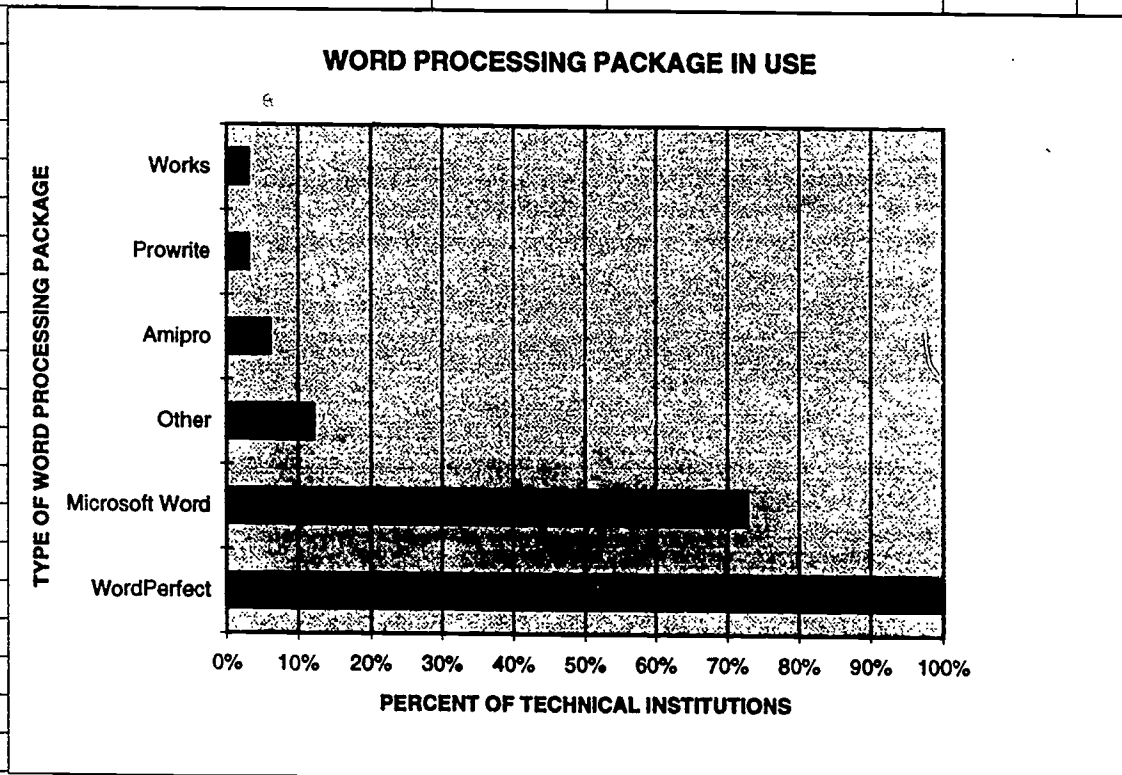
| 4. Presentation Packages | | | |
|--------------------------|---------|----------------|--|
| Response Type | Percent | No of Response | |
| Harvard Graphics | 70% | 23 | |
| Powerpoint | 73% | 24 | |
| Compel | 36% | 12 | |
| Other | 12% | 4 | |
| Ventura | 3% | 1 | |
| Presentations | 3% | 1 | |
| Freelance | 6% | 2 | |
| | | | |
| | | | |

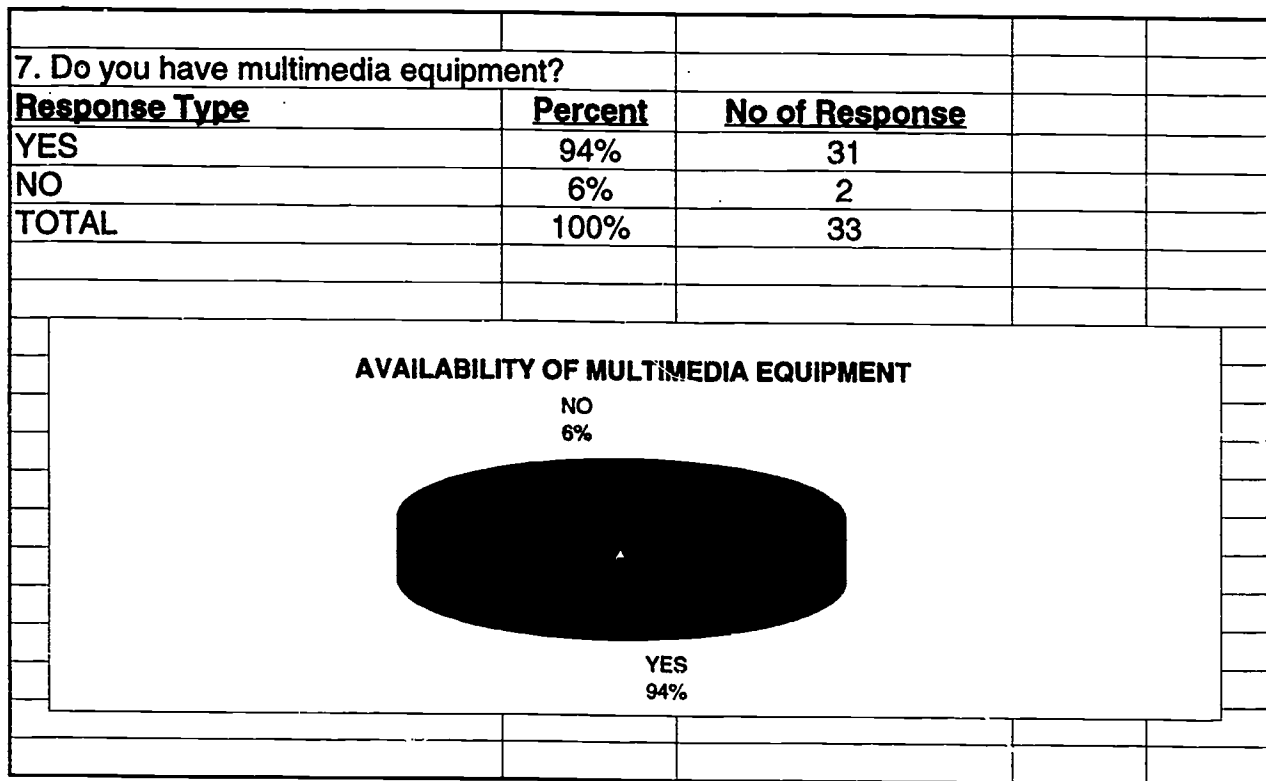


| | | | | |
|-------------------------|----------------|-----------------------|--|--|
| 5. Spreadsheet Packages | | | | |
| Response Type | Percent | No of Response | | |
| EXCEL | 82% | 27 | | |
| LOTUS | 100% | 33 | | |
| Other | 9% | 3 | | |
| Quatro Pro | 6% | 2 | | |
| Supercalc | 3% | 1 | | |
| | | | | |
| | | | | |



| | | | | |
|------------------------------------|----------------|-----------------------|--|--|
| 6. Word Processing Packages | | | | |
| Response Type | Percent | No of Response | | |
| WordPerfect | 100% | 33 | | |
| Microsoft Word | 73% | 24 | | |
| Other | 12% | 4 | | |
| Amipro | 6% | 2 | | |
| Prowrite | 3% | 1 | | |
| Works | 3% | 1 | | |
| | | | | |
| | | | | |

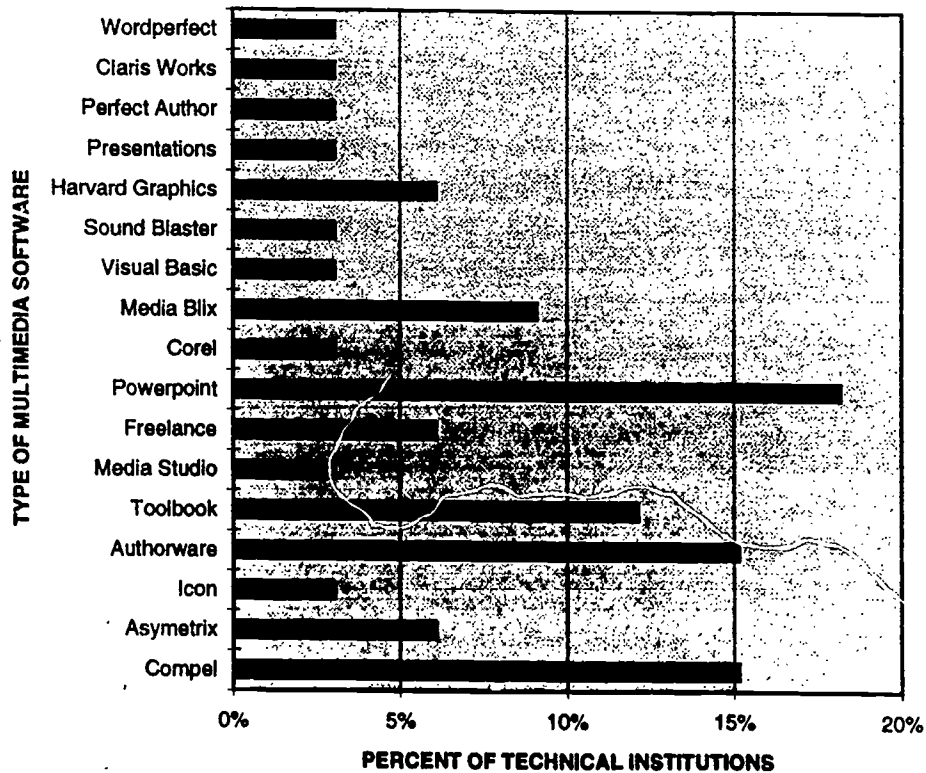




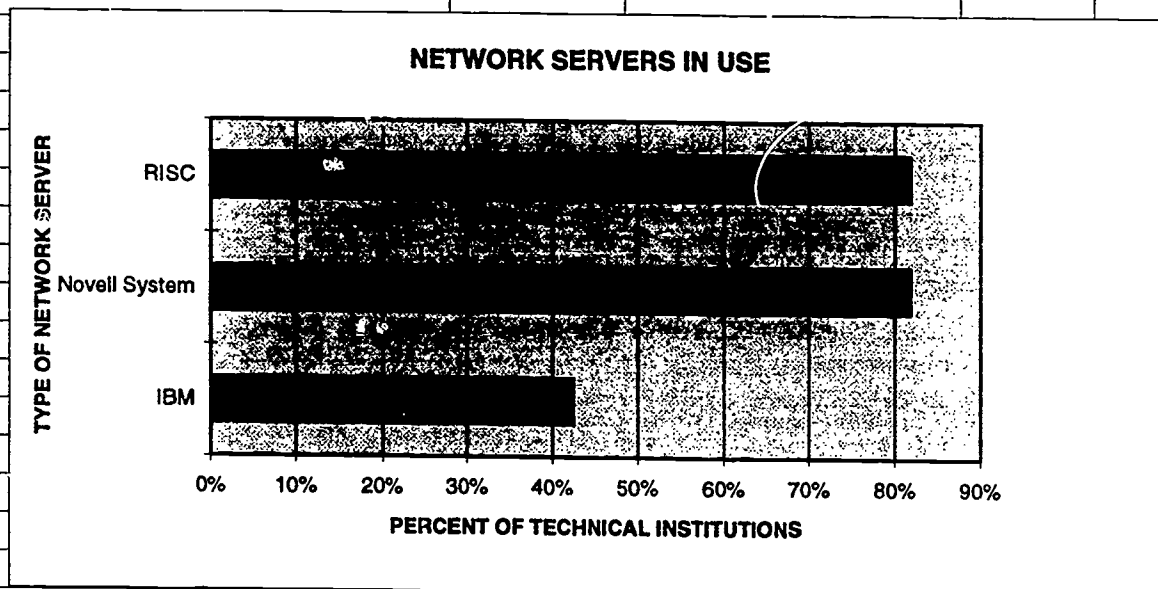
8. Indicate multimedia presentation or authoring software used

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| Compel | 15% | 5 |
| Asymetrix | 6% | 2 |
| Icon | 3% | 1 |
| Authorware | 15% | 5 |
| Toolbook | 12% | 4 |
| Media Studio | 3% | 1 |
| Freelance | 6% | 2 |
| Powerpoint | 18% | 6 |
| Corel | 3% | 1 |
| Media Blix | 9% | 3 |
| Visual Basic | 3% | 1 |
| Sound Blaster | 3% | 1 |
| Harvard Graphics | 6% | 2 |
| Presentations | 3% | 1 |
| Perfect Author | 3% | 1 |
| Claris Works | 3% | 1 |
| Wordperfect | 3% | 1 |

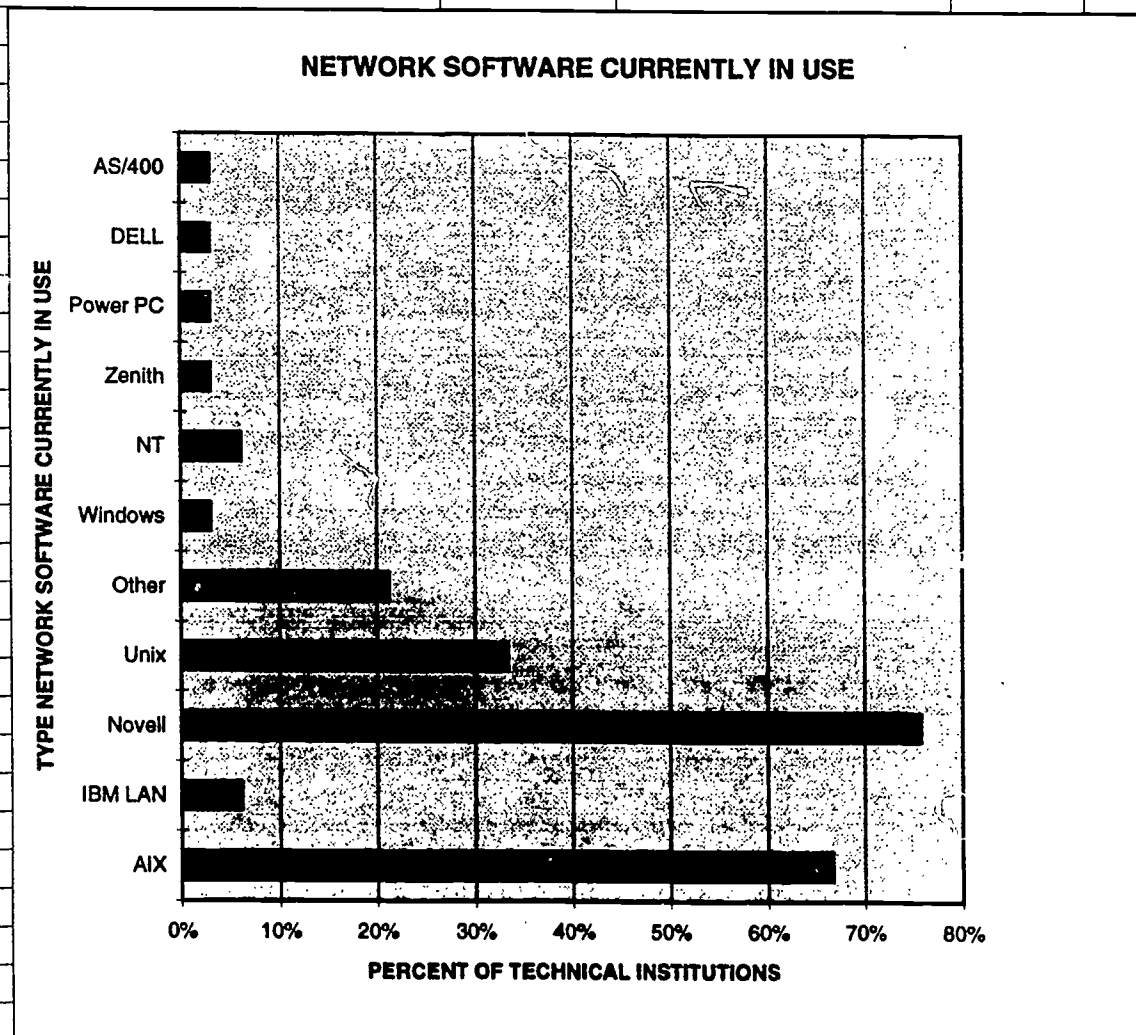
MULTIMEDIA OR AUTHORING SOFTWARE USED



| 9. Indicate type of Network Servers | | | | |
|-------------------------------------|---------|----------------|--|--|
| Response Type | Percent | No of Response | | |
| IBM | 42% | 14 | | |
| Novell System | 82% | 27 | | |
| RISC | 82% | 27 | | |
| Other | | | | |
| | | | | |
| | | | | |



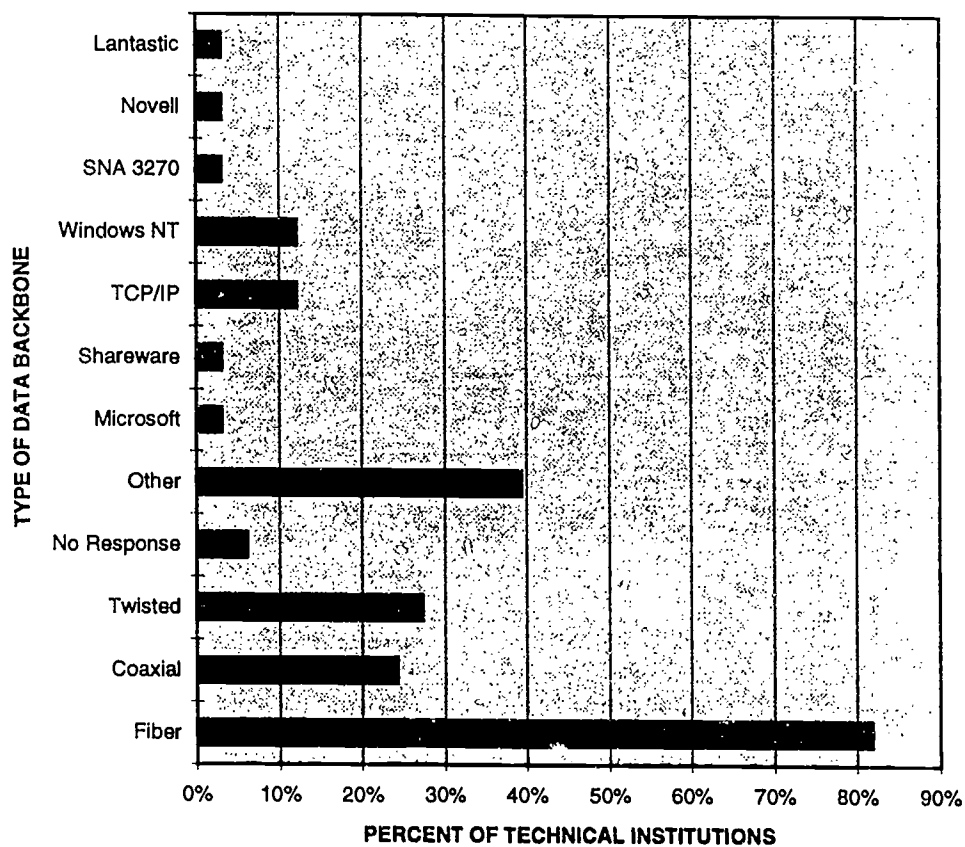
| | | | | |
|--|----------------|-----------------------|--|--|
| 10. Indicate type of Network Software your school is currently using | | | | |
| Response Type | Percent | No of Response | | |
| AIX | 67% | 22 | | |
| IBM LAN | 6% | 2 | | |
| Novell | 76% | 25 | | |
| Unix | 33% | 11 | | |
| Other | 21% | 7 | | |
| Windows | 3% | 1 | | |
| NT | 6% | 2 | | |
| Zenith | 3% | 1 | | |
| Power PC | 3% | 1 | | |
| DELL | 3% | 1 | | |
| AS/400 | 3% | 1 | | |
| | | | | |
| | | | | |



11. What type of Data Backbone are you using?

| Response Type | Percent | No of Response |
|---------------|---------|----------------|
| Fiber | 82% | 27 |
| Coaxial | 24% | 8 |
| Twisted | 27% | 9 |
| No Response | 6% | 2 |
| Other | 39% | 13 |
| Microsoft | 3% | 1 |
| Shareware | 3% | 1 |
| TCP/IP | 12% | 4 |
| Windows NT | 12% | 4 |
| SNA 3270 | 3% | 1 |
| Novell | 3% | 1 |
| Lantastic | 3% | 1 |

DATA BACKBONE YOU ARE USING



| | | | | |
|--|----------------|-----------------------|--|--|
| SECTION XIV: SOUND | | | | |
| 1. Is there an institution-wide Paging System? | | | | |
| Response Type | Percent | No of Response | | |
| YES | 52% | 17 | | |
| NO | 48% | 16 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |

AVAILABILITY OF INSTITUTION-WIDE PAGING SYSTEM

NO
48%



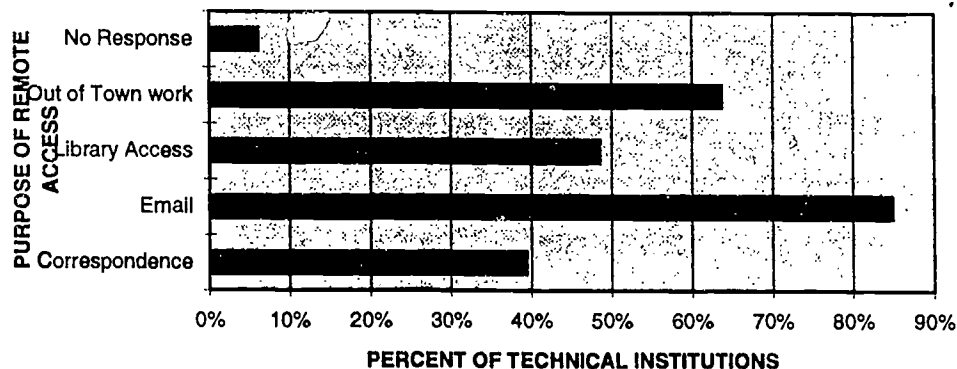
YES
52%

SECTION XV: MOBILE EQUIPMENT

1. Do employee need remote access to computer services because of:

| | | | | |
|----------------------|----------------|-----------------------|--|--|
| Response Type | Percent | No of Response | | |
| Correspondence | 39% | 13 | | |
| Email | 85% | 28 | | |
| Library Access | 48% | 16 | | |
| Out of Town work | 64% | 21 | | |
| No Response | 6% | 2 | | |
| Other | | | | |

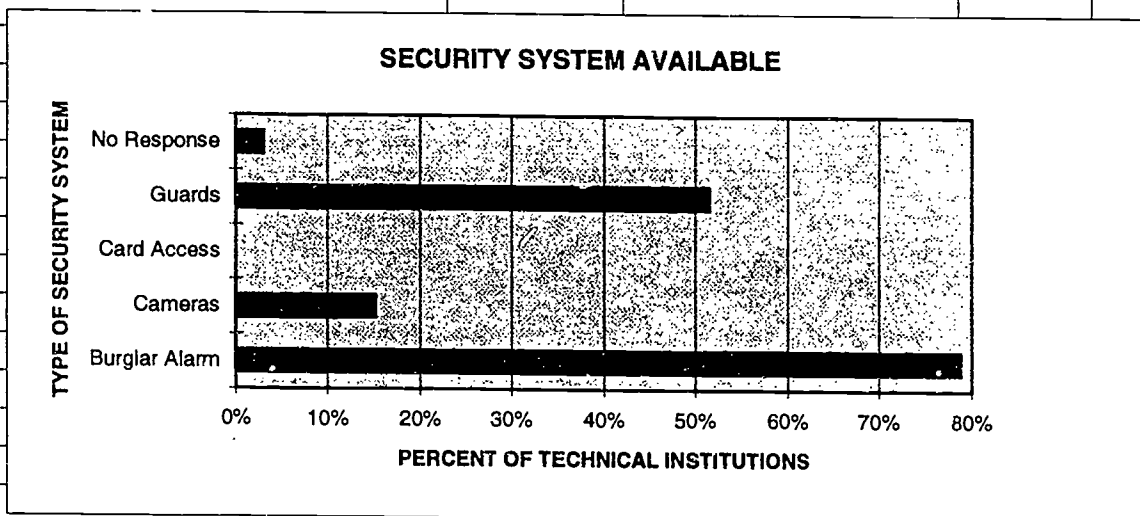
NEED OF REMOTE ACCESS TO COMPUTER



SECTION XVI: SECURITY

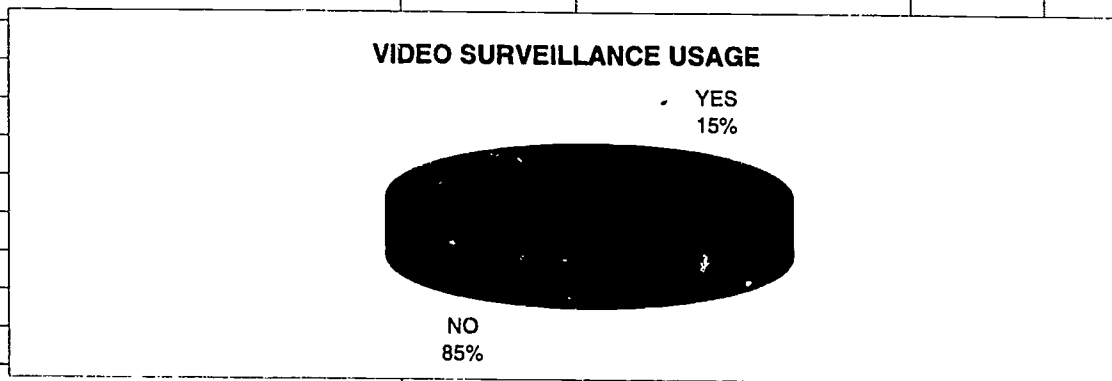
1. What kind of security system do you have?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| Burglar Alarm | 79% | 26 |
| Cameras | 15% | 5 |
| Card Access | 0% | 0 |
| Guards | 52% | 17 |
| No Response | 3% | 1 |
| Other | | |



2. Do you have Video Surveillance?

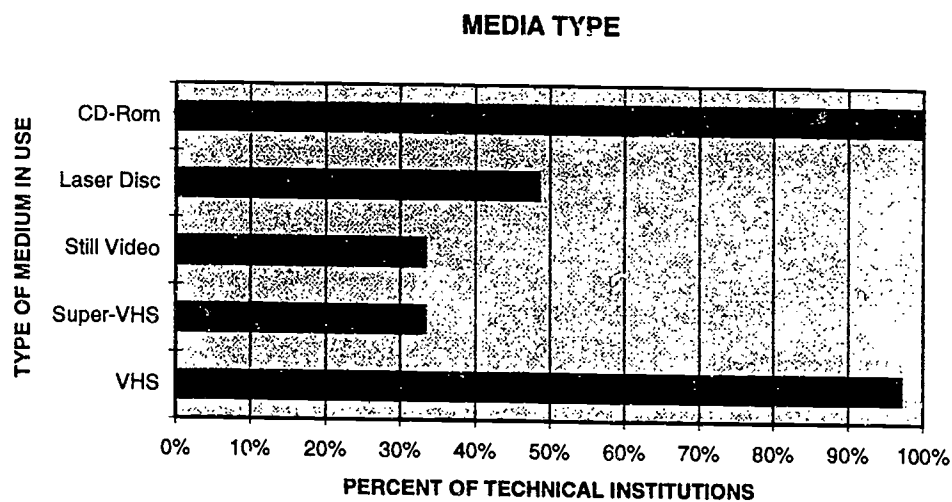
| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 15% | 5 |
| NO | 85% | 28 |
| TOTAL | 100% | 33 |




SECTION XVII: MEDIA

1. What type of media are currently being used?

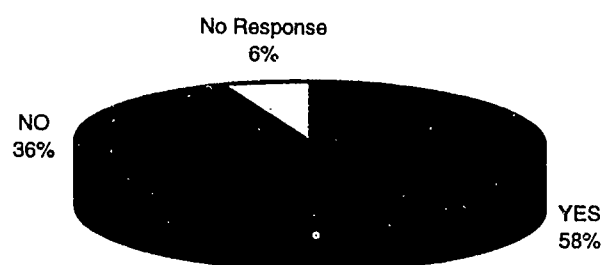
| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| VHS | 97% | 32 |
| Super-VHS | 33% | 11 |
| Still Video | 33% | 11 |
| Laser Disc | 48% | 16 |
| CD-Rom | 100% | 33 |
| Other | | |



| | | | | |
|--|----------------|-----------------------|--|--|
| SECTION XVIII: MISCELLANEOUS | | | | |
| 1. Do you have a Technology Committee at your institute? | | | | |
| Response Type | Percent | No of Response | | |
| YES | 82% | 27 | | |
| NO | 18% | 6 | | |
| TOTAL | 100% | 33 | | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>AVAILABILITY OF TECHNOLOGY COMMITTEE</p> <p>NO 18%</p>  <p>YES 82%</p> </div> | | | | |
| | | | | |
| | | | | |

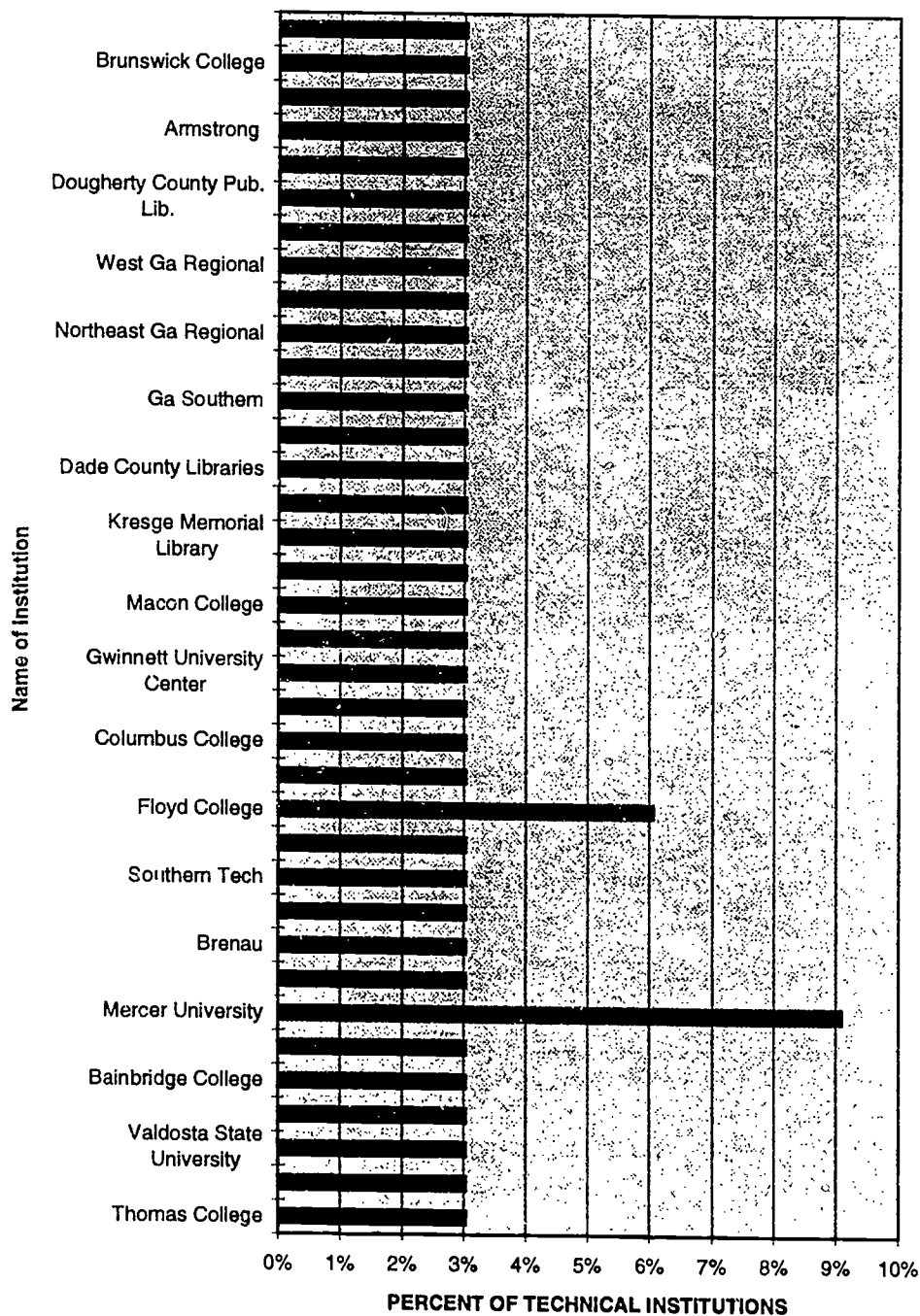
| | | | | |
|--|----------------|-----------------------|--|--|
| | | | | |
| SECTION XIX: LIBRARY RELATED QUESTIONS | | | | |
| 1. Do you have contracts for access to other libraries? | | | | |
| Response Type | Percent | No of Response | | |
| YES | 58% | 19 | | |
| NO | 36% | 12 | | |
| No Response | 6% | 2 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |

CONTRACTS FOR ACCESS TO OTHER LIBRARIES



| | | | | |
|-------------------------------|-----------------------|------------------------------|--|--|
| 2. If so, which Institutions? | | | | |
| <u>Names</u> | <u>Percent</u> | <u>No of Response</u> | | |
| Thomas College | 3% | 1 | | |
| Thomas County Library | 3% | 1 | | |
| Valdosta State University | 3% | 1 | | |
| Albany State College | 3% | 1 | | |
| Bainbridge College | 3% | 1 | | |
| Coastal Plains Reg. Library | 3% | 1 | | |
| Mercer University | 9% | 3 | | |
| Aiken Tech | 3% | 1 | | |
| Brenau | 3% | 1 | | |
| Ga Military College | 3% | 1 | | |
| Southern Tech | 3% | 1 | | |
| UGA | 3% | 1 | | |
| Floyd College | 6% | 2 | | |
| Berry College | 3% | 1 | | |
| Columbus College | 3% | 1 | | |
| DeKalb College | 3% | 1 | | |
| Gwinnett University Center | 3% | 1 | | |
| Gainesville College | 3% | 1 | | |
| Macon College | 3% | 1 | | |
| Ga College | 3% | 1 | | |
| Kresge Memorial Library | 3% | 1 | | |
| Cherokee Regional Library | 3% | 1 | | |
| Dade County Libraries | 3% | 1 | | |
| Walker County Libraries | 3% | 1 | | |
| Ga Southern | 3% | 1 | | |
| ALL | 3% | 1 | | |
| Northeast Ga Regional | 3% | 1 | | |
| Griffin Tech | 3% | 1 | | |
| West Ga Regional | 3% | 1 | | |
| Carroll Tech | 3% | 1 | | |
| Dougherty County Pub. Lib. | 3% | 1 | | |
| Savannah State College | 3% | 1 | | |
| Armstrong | 3% | 1 | | |
| Liberty County Pub. Library | 3% | 1 | | |
| Brunswick College | 3% | 1 | | |
| Columbus Tech | 3% | 1 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

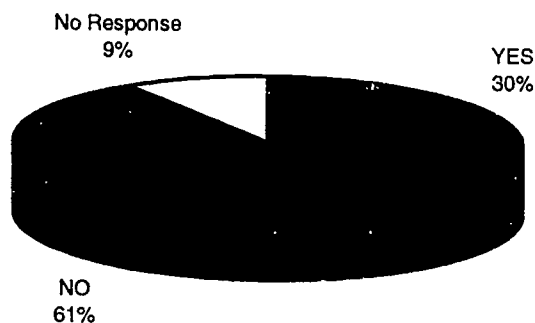
INSTITUTIONS IN LIBRARY CONTRACT WITH



3. Is your institute a SOLINET member?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 30% | 10 |
| NO | 61% | 20 |
| No Response | 9% | 3 |
| TOTAL | 100% | 33 |

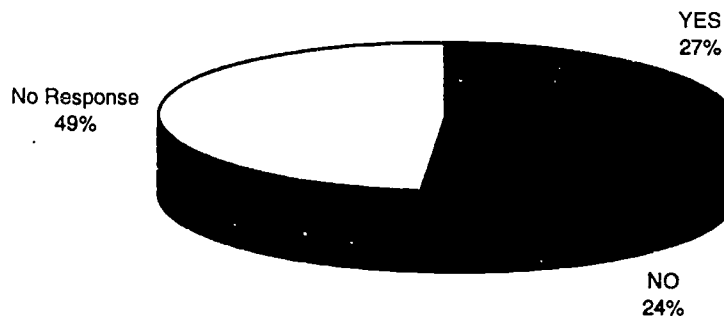
SOLINET MEMBERSHIP



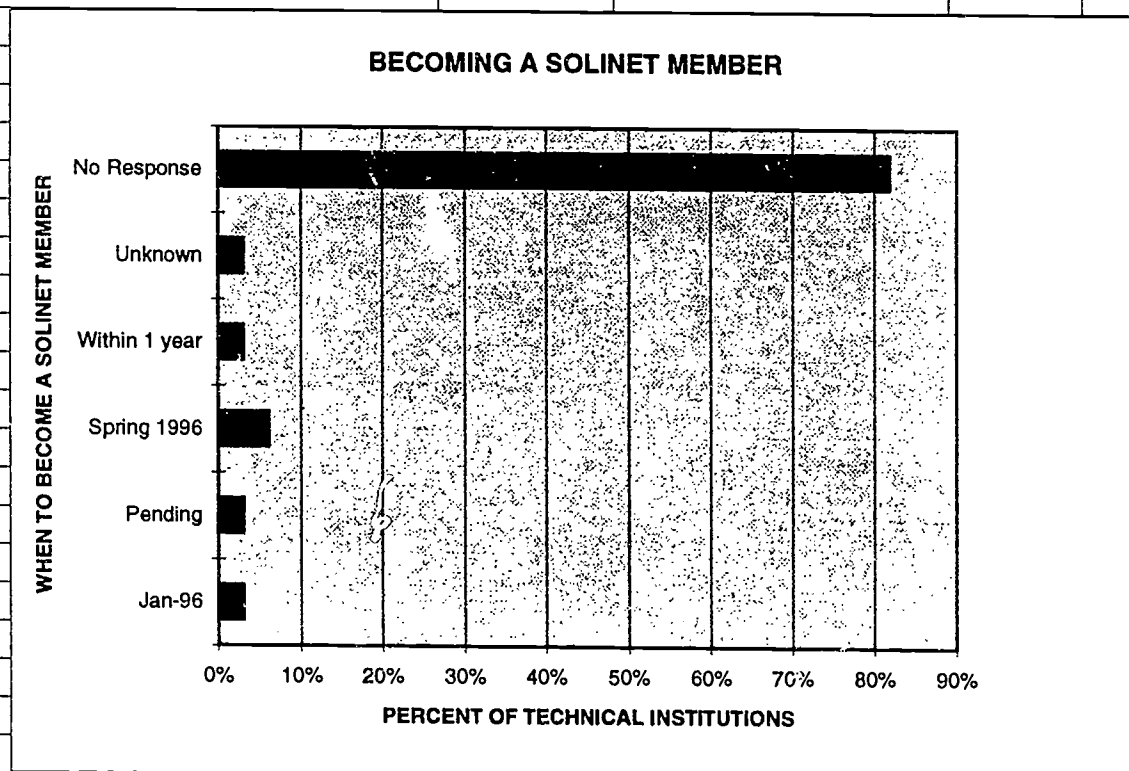
4. Do you plan to join?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 27% | 9 |
| NO | 24% | 8 |
| No Response | 48% | 16 |
| TOTAL | 100% | 33 |

PLAN TO BECOME SOLINET MEMBER

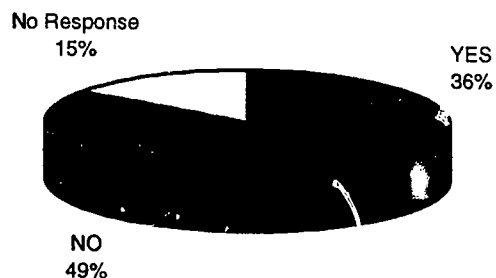


| 5. When do you plan to join? | | | | |
|------------------------------|--------|---------|----------------|--|
| Response Type | | Percent | No of Response | |
| | Jan-96 | 3% | 1 | |
| Pending | | 3% | 1 | |
| Spring 1996 | | 6% | 2 | |
| Within 1 year | | 3% | 1 | |
| Unknown | | 3% | 1 | |
| No Response | | 82% | 27 | |
| TOTAL | | 100% | 33 | |
| | | | | |
| | | | | |



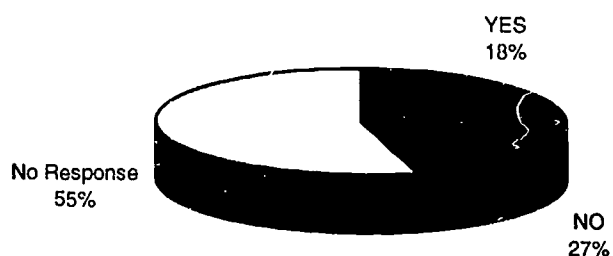
| | | | | |
|-------------------------------------|----------------|-----------------------|--|--|
| 6. Is your institute a GOLD member? | | | | |
| Response Type | Percent | No of Response | | |
| YES | 36% | 12 | | |
| NO | 48% | 16 | | |
| No Response | 15% | 5 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |

GOLD MEMBERSHIP



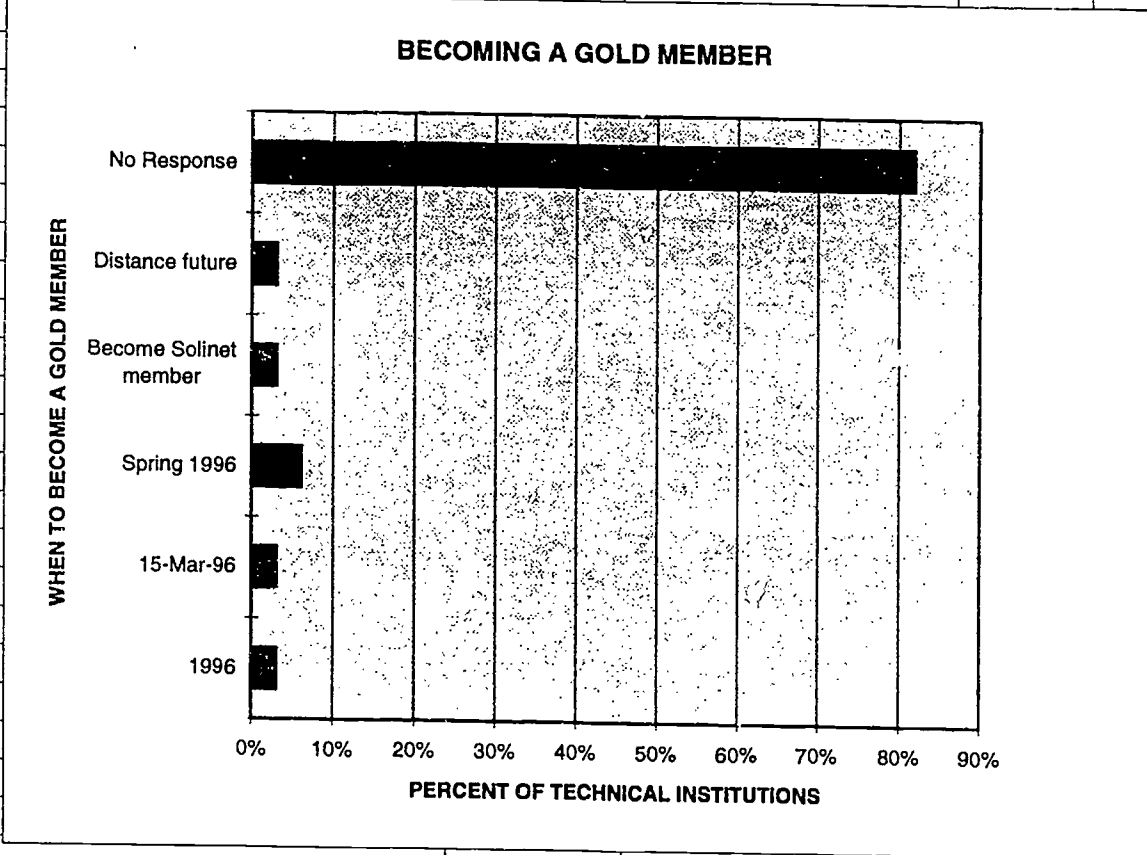
| | | | | |
|--------------------------------|----------------|-----------------------|--|--|
| 7. If NO, do you plan to join? | | | | |
| Response Type | Percent | No of Response | | |
| YES | 18% | 6 | | |
| NO | 27% | 9 | | |
| No Response | 55% | 18 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |

PLAN TO BECOME GOLD MEMBER



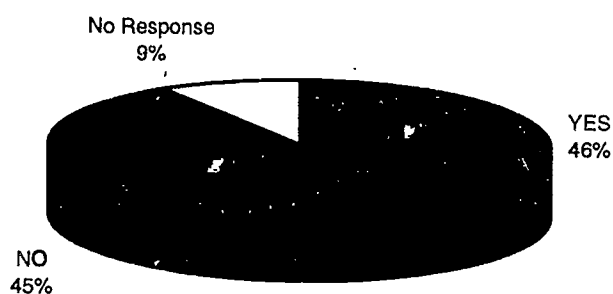
| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | |
|------------------------------|----------------|-----------------------|--|--|
| 8. When do you plan to join? | | | | |
| Response Type | Percent | No of Response | | |
| 1996 | 3% | 1 | | |
| 15-Mar-96 | 3% | 1 | | |
| Spring 1996 | 6% | 2 | | |
| Become Solinet member | 3% | 1 | | |
| Distance future | 3% | 1 | | |
| No Response | 82% | 27 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |



| | | | | |
|---|----------------|-----------------------|--|--|
| 9. Does your library have local area network (LAN)? | | | | |
| Response Type | Percent | No of Response | | |
| YES | 45% | 15 | | |
| NO | 45% | 15 | | |
| No Response | 9% | 3 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |

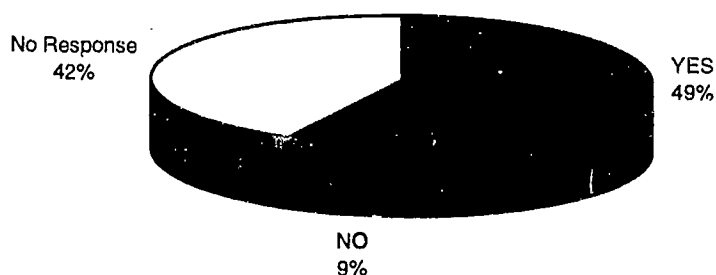
AVAILABILITY OF LAN IN LIBRARY



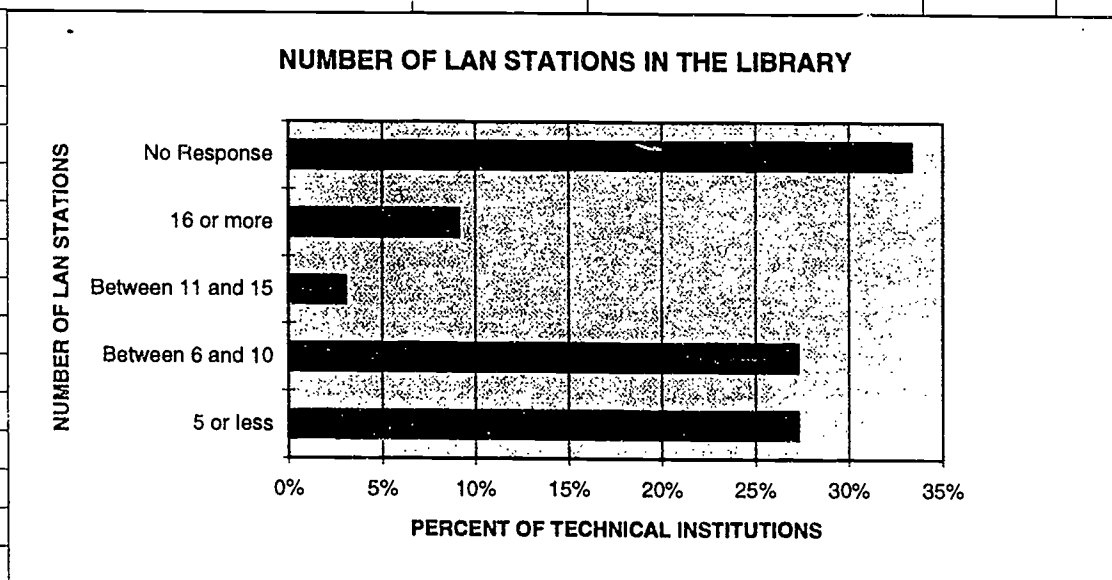
10. If not, are you planning to have a library local area network?

| | | | | |
|----------------------|----------------|-----------------------|--|--|
| Response Type | Percent | No of Response | | |
| YES | 48% | 16 | | |
| NO | 9% | 3 | | |
| No Response | 42% | 14 | | |
| TOTAL | 100% | 33 | | |

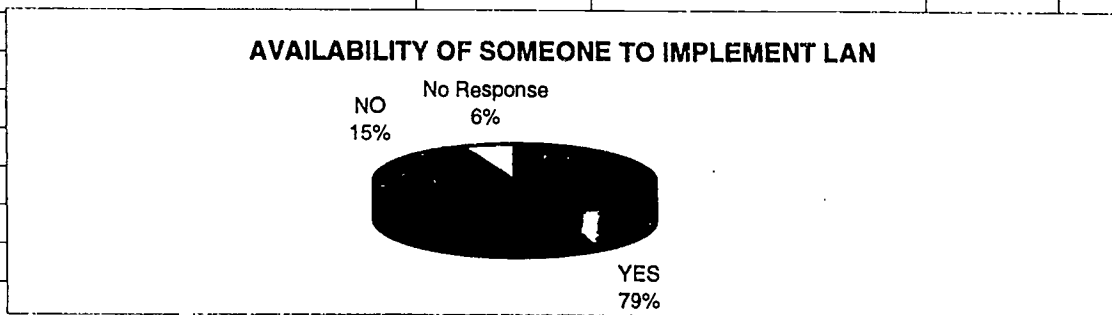
PLAN TO HAVE A LIBRARY LAN



| | | | | |
|---|----------------|-----------------------|--|--|
| 11. How many LAN stations are in the library? | | | | |
| Response Type | Percent | No of Response | | |
| 5 or less | 27% | 9 | | |
| Between 6 and 10 | 27% | 9 | | |
| Between 11 and 15 | 3% | 1 | | |
| 16 or more | 9% | 3 | | |
| No Response | 33% | 11 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |



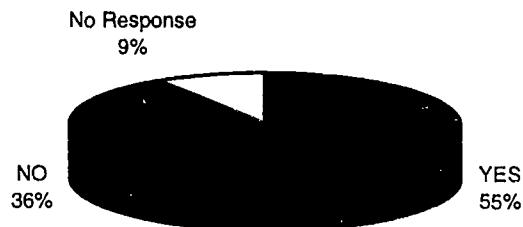
| | | | | |
|---|----------------|-----------------------|--|--|
| 12. Do you have someone who can plan and implement interconnectivity between your library LAN and the school LAN? | | | | |
| Response Type | Percent | No of Response | | |
| YES | 79% | 26 | | |
| NO | 15% | 5 | | |
| No Response | 6% | 2 | | |
| TOTAL | 100% | 33 | | |
| | | | | |



13. Does your library have telnet access to Internet?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 55% | 18 |
| NO | 36% | 12 |
| No Response | 9% | 3 |
| TOTAL | 100% | 33 |

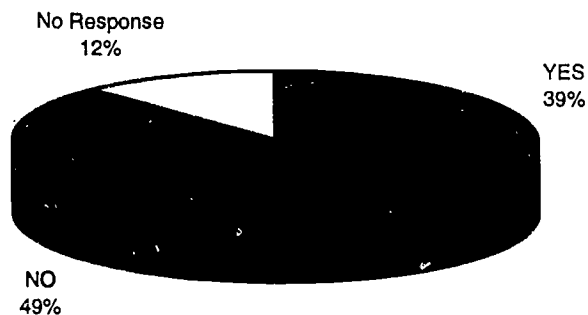
LIBRARY TELNET ACCESS TO INTERNET



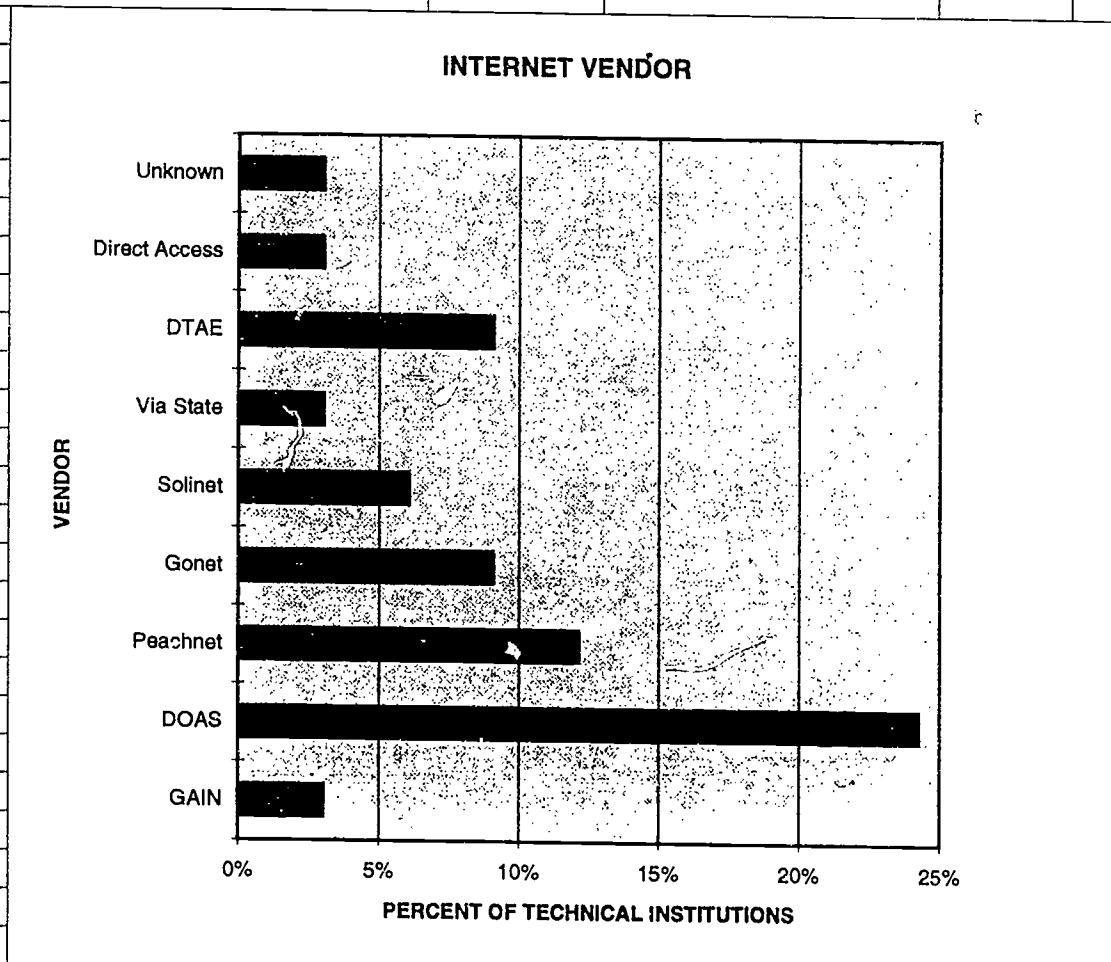
14. Does the library have E-mail on the Internet?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|----------------------|----------------|-----------------------|
| YES | 39% | 13 |
| NO | 48% | 16 |
| No Response | 12% | 4 |
| TOTAL | 100% | 33 |

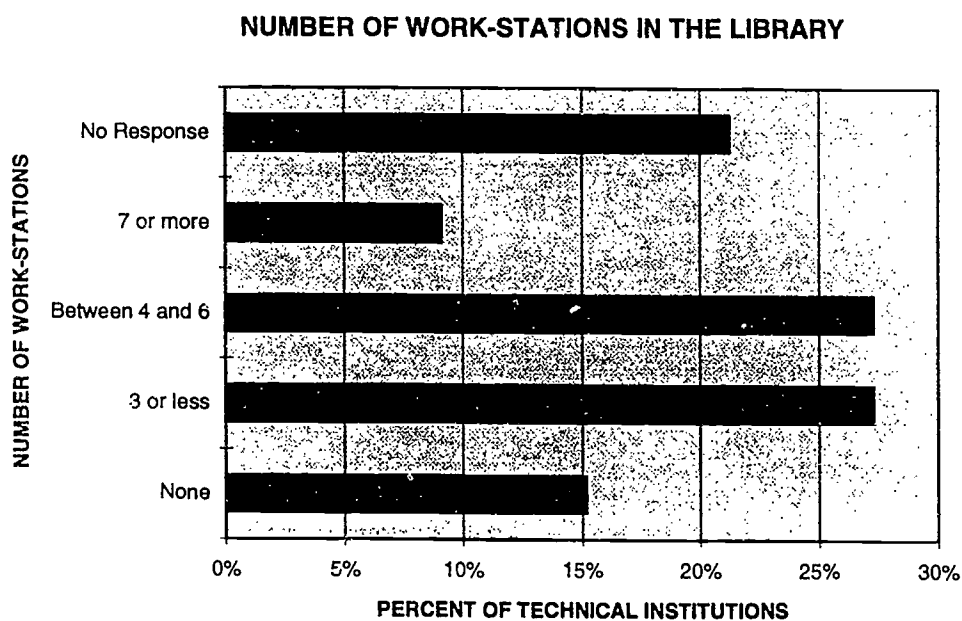
LIBRARY E-MAIL ON THE INTERNET



| | | | | |
|-----------------------------------|----------------|-----------------------|--|--|
| 15. Your internet vendor is _____ | | | | |
| Response Type | Percent | No of Response | | |
| GAIN | 3% | 1 | | |
| DOAS | 24% | 8 | | |
| Peachnet | 12% | 4 | | |
| Gonet | 9% | 3 | | |
| Solinet | 6% | 2 | | |
| Via State | 3% | 1 | | |
| DTAE | 9% | 3 | | |
| Direct Access | 3% | 1 | | |
| Unknown | 3% | 1 | | |
| | | | | |
| | | | | |

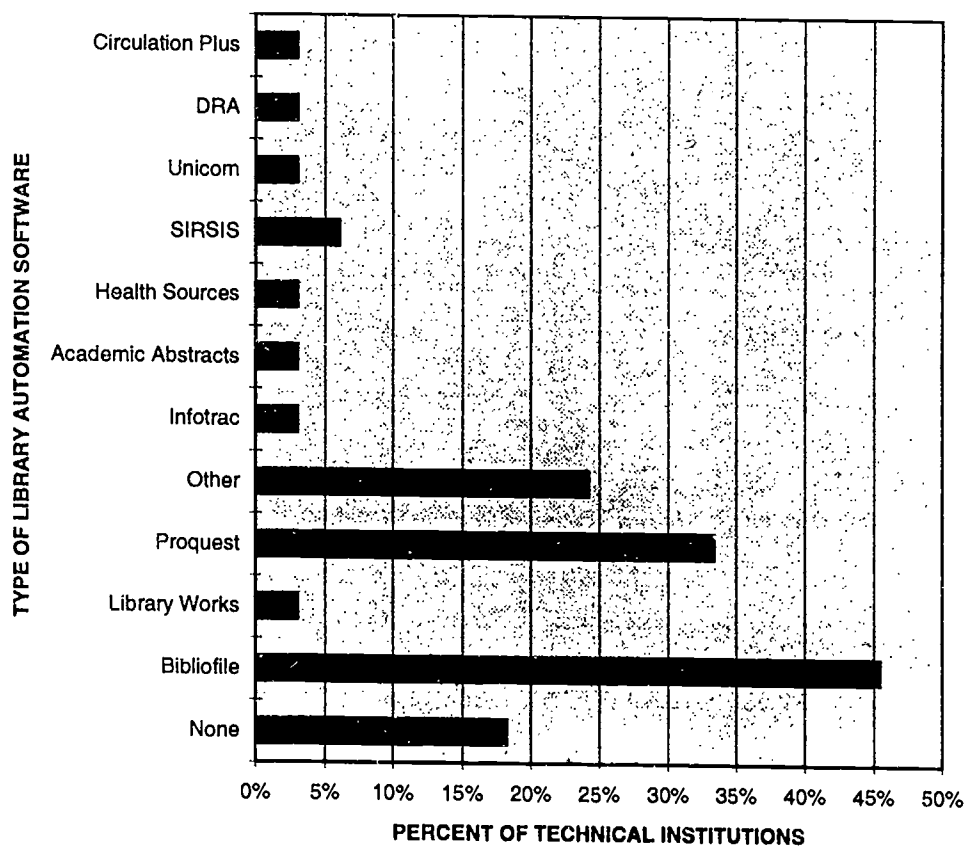


| | | | | |
|--|----------------|-----------------------|--|--|
| 16. Number of CD-ROM work-stations in the library? | | | | |
| Response Type | Percent | No of Response | | |
| None | 15% | 5 | | |
| 3 or less | 27% | 9 | | |
| Between 4 and 6 | 27% | 9 | | |
| 7 or more | 9% | 3 | | |
| No Response | 21% | 7 | | |
| TOTAL | 100% | 33 | | |
| | | | | |
| | | | | |



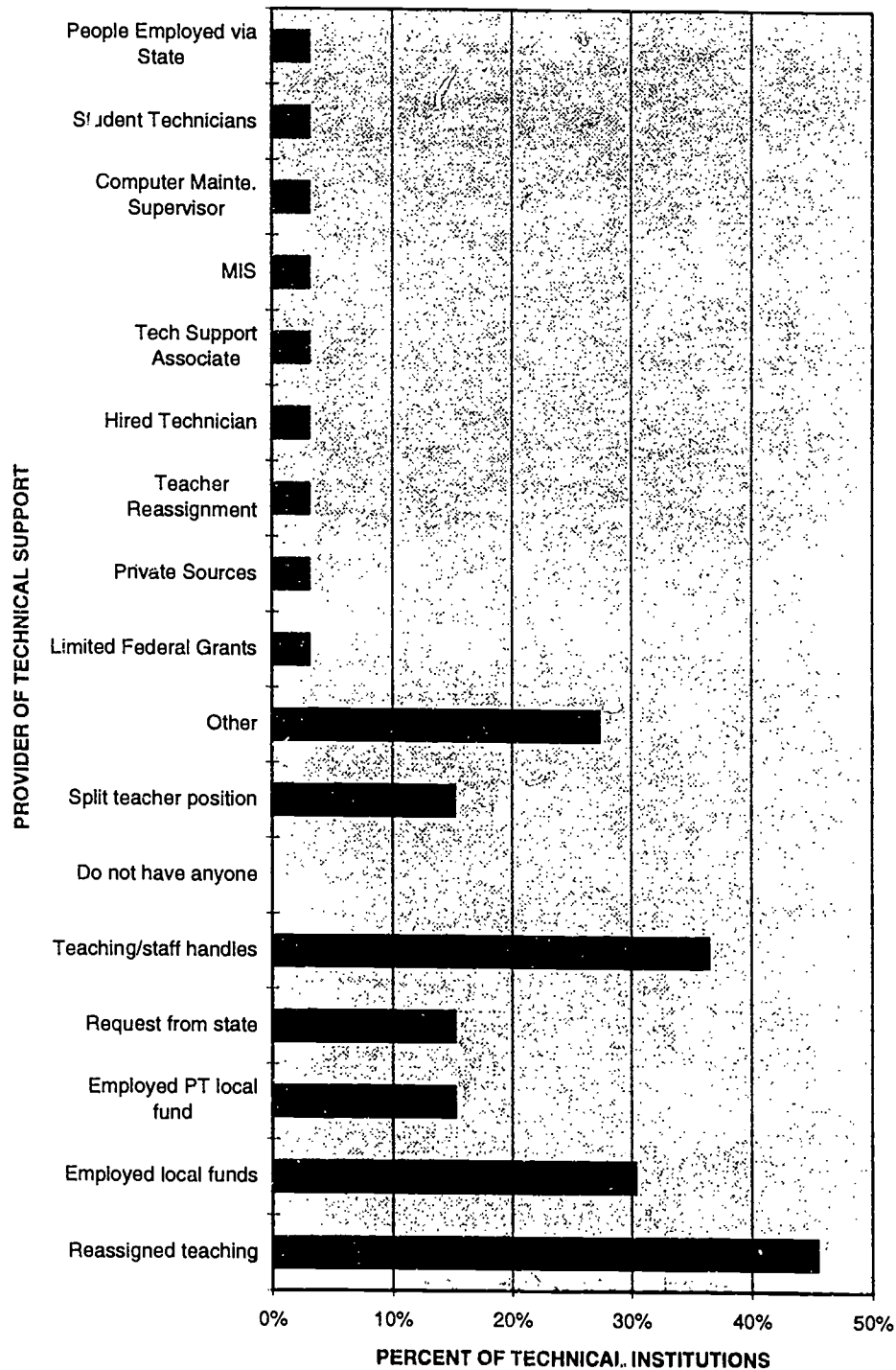
| | | | | |
|--|----------------|-----------------------|--|--|
| 17. Do you have the following library automation software? | | | | |
| Response Type | Percent | No of Response | | |
| None | 18% | 6 | | |
| Bibliofile | 45% | 15 | | |
| Library Works | 3% | 1 | | |
| Proquest | 33% | 11 | | |
| Other | 24% | 8 | | |
| Infotrac | 3% | 1 | | |
| Academic Abstracts | 3% | 1 | | |
| Health Sources | 3% | 1 | | |
| SIRSI | 6% | 2 | | |
| Unicorn | 3% | 1 | | |
| DRA | 3% | 1 | | |
| Circulation Plus | 3% | 1 | | |
| | | | | |
| | | | | |

AVAILABILITY OF LIBRARY AUTOMATION SOFTWARE



| | | | | |
|--|----------------|-----------------------|--|--|
| SECTION XX: TECHNICAL SUPPORT | | | | |
| 1. How do you provide technical support services for your institute? | | | | |
| Response Type | Percent | No of Response | | |
| Reassigned teaching | 45% | 15 | | |
| Employed local funds | 30% | 10 | | |
| Employed PT local fund | 15% | 5 | | |
| Request from state | 15% | 5 | | |
| Teaching/staff handles | 36% | 12 | | |
| Do not have anyone | 0% | 0 | | |
| Split teacher position | 15% | 5 | | |
| Other | 27% | 9 | | |
| Limited Federal Grants | 3% | 1 | | |
| Private Sources | 3% | 1 | | |
| Teacher Reassignment | 3% | 1 | | |
| Hired Technician | 3% | 1 | | |
| Tech Support Associate | 3% | 1 | | |
| MIS | 3% | 1 | | |
| Computer Mainte. Supervisor | 3% | 1 | | |
| Student Technicians | 3% | 1 | | |
| People Employed via State | 3% | 1 | | |
| | | | | |

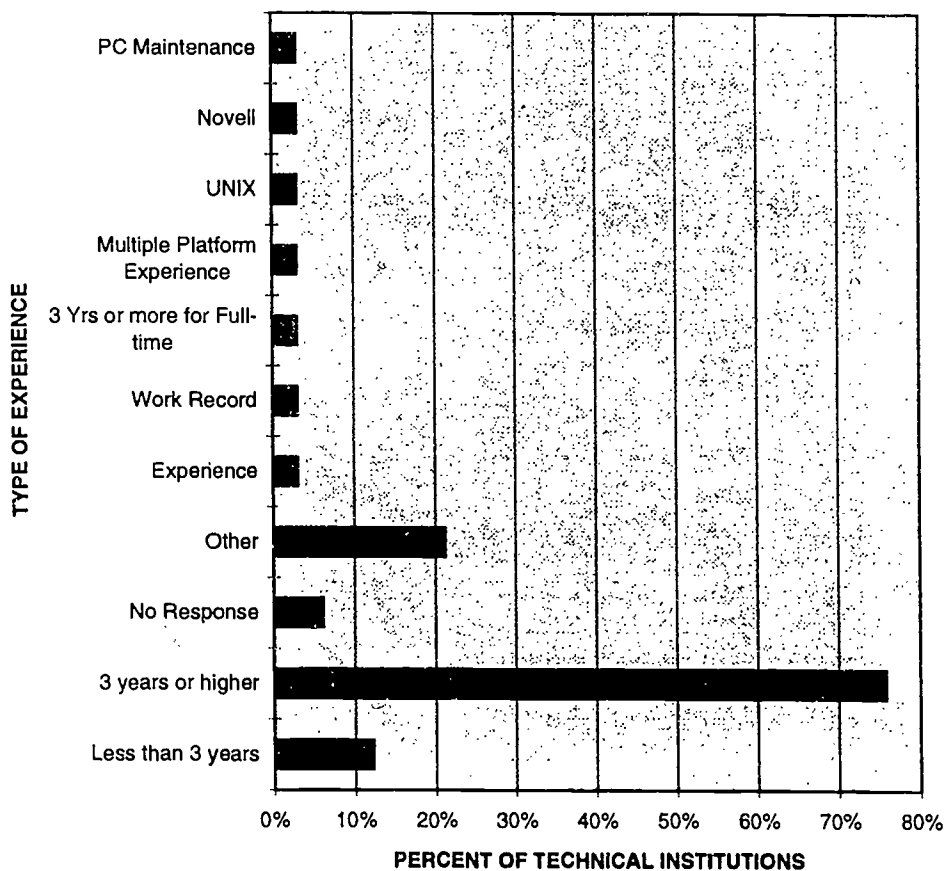
TECHNICAL SUPPORT PROVIDERS FOR TI



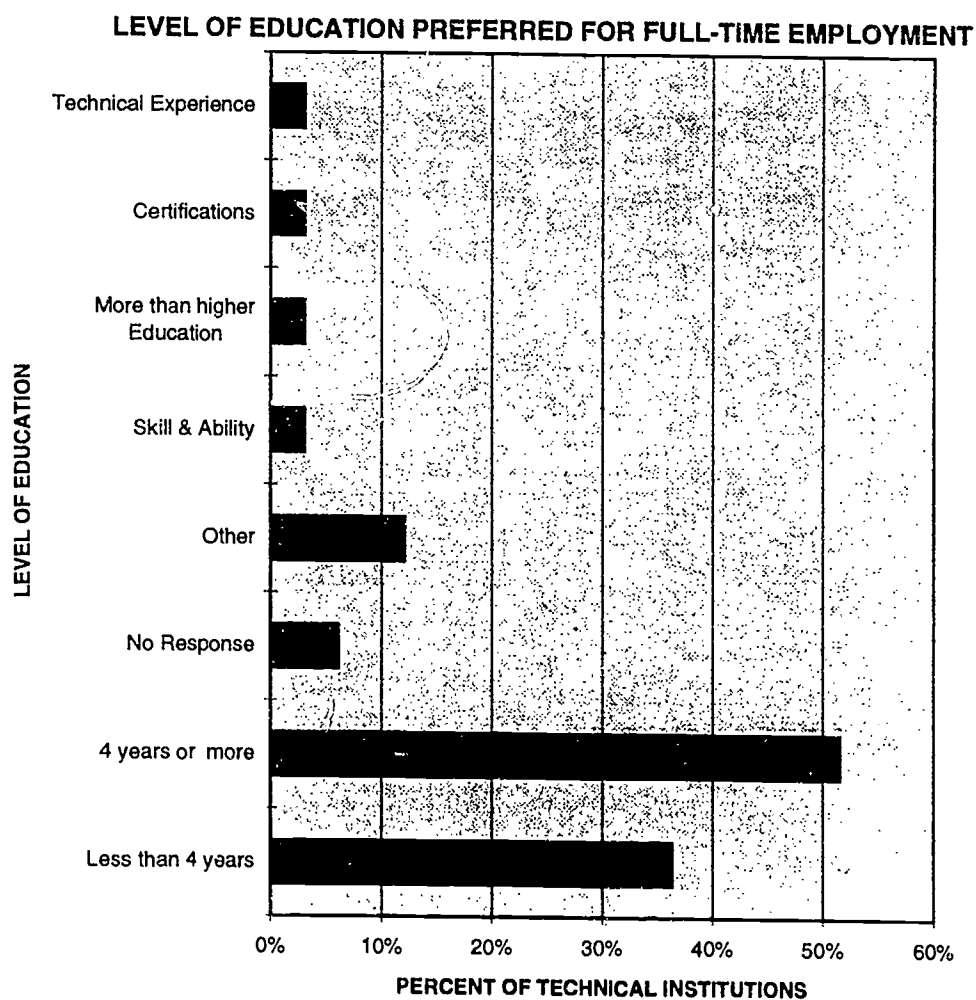
2. If you had a full-time position, what level of experience would you require?

| <u>Response Type</u> | <u>Percent</u> | <u>No of Response</u> |
|------------------------------|----------------|-----------------------|
| Less than 3 years | 12% | 4 |
| 3 years or higher | 76% | 25 |
| No Response | 6% | 2 |
| Other | 21% | 7 |
| Experience | 3% | 1 |
| Work Record | 3% | 1 |
| 3 Yrs or more for Full-time | 3% | 1 |
| Multiple Platform Experience | 3% | 1 |
| UNIX | 3% | 1 |
| Novell | 3% | 1 |
| PC Maintenance | 3% | 1 |

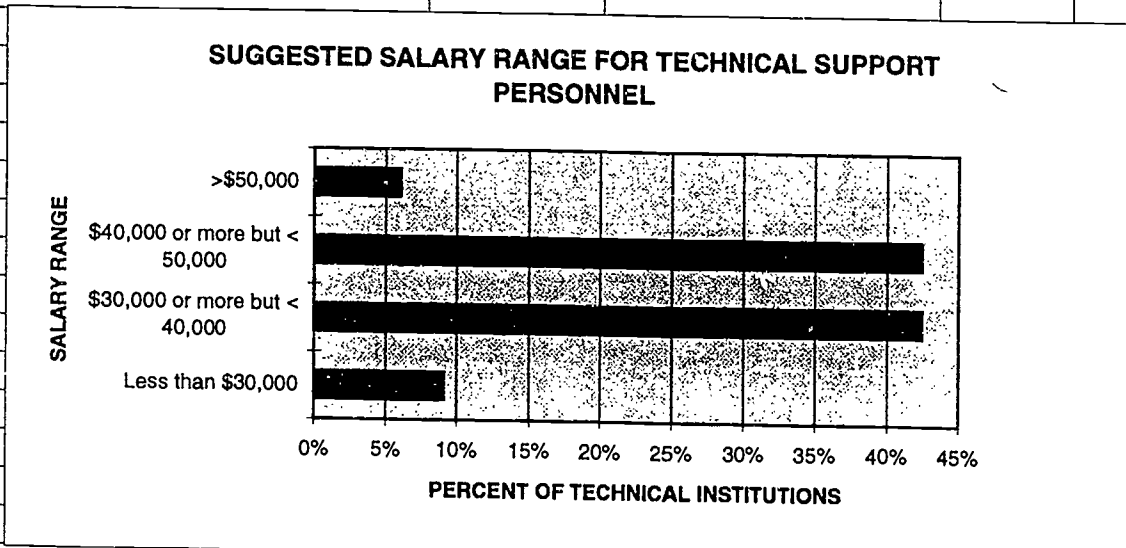
LEVEL OF EXPERIENCE TO PREFERRED FOR FULL-TIME EMPLOYMENT



| | | |
|--|----------------|-----------------------|
| 3. If you had a full-time position, what level of education would you require? | | |
| Response Type | Percent | No of Response |
| Less than 4 years | 36% | 12 |
| 4 years or more | 52% | 17 |
| No Response | 6% | 2 |
| Other | 12% | 4 |
| Skill & Ability | 3% | 1 |
| More than higher Education | 3% | 1 |
| Certifications | 3% | 1 |
| Technical Experience | 3% | 1 |
| | | |
| | | |



| | | |
|---|----------------|-----------------------|
| 4. What salary range would you suggest for technical support personnel? | | |
| Response Type | Percent | No of Response |
| Less than \$30,000 | 9% | 3 |
| \$30,000 or more but < 40,000 | 42% | 14 |
| \$40,000 or more but < 50,000 | 42% | 14 |
| >\$50,000 | 6% | 2 |
| TOTAL | 100% | 33 |



APPENDIX



GEORGIA DEPARTMENT OF TECHNICAL AND ADULT EDUCATION

Kenneth H. Breeden, Commissioner

Douglas L. Bolen, Assistant Commissioner
Office of Technical Education

October 18, 1995

MEMORANDUM # 96-06

TO: Presidents

FROM: Douglas L. Bolen, Assistant Commissioner *D.L.B.*
Office of Technical Education

SUBJECT: Information Technology Survey

The Information Technology Committee of the Presidents' Council wants to update the Information Technology Survey Information (previously collected in August of 1994). You will notice that this survey is more concise than the previous one. The information will help in the continued implementation of a statewide information technology system.

Please complete the attached survey and return to the Occupational Research Group at the address indicated by **Friday, October 27, 1995**.

cc: Dr. Kenneth H. Breeden
Educational Support Services Staff
Occupational Research Group

ATTENTION!

ATTENTION!!

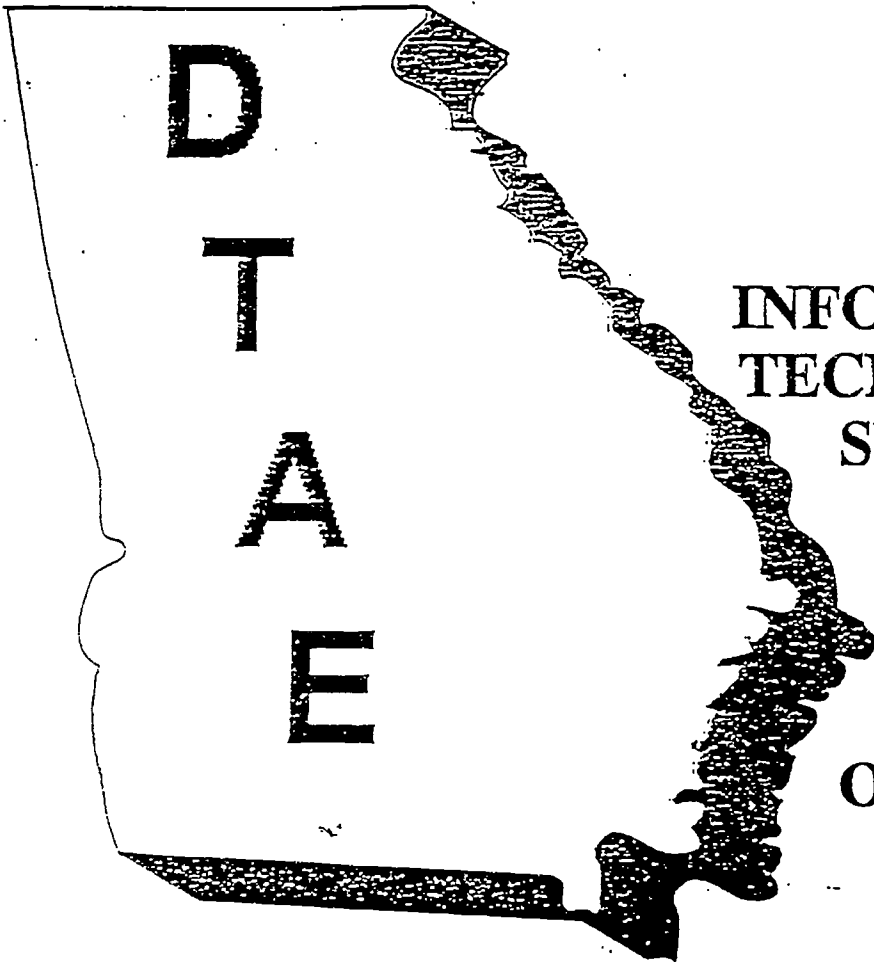
ATTENTION!!!

Due to time constraint in getting data ready for the Presidents' Council meeting on November 7, 1995, the Occupational Research Group requests that you return your completed survey **BY FAX (706) 542-4669**, no later than **OCTOBER, 27, 1995** to:

Attention:

**Dr. Ray Anukam
Occupational Research Group**

**If you have questions or comments, please call me:
(706) 542-3857**



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**INFORMATION
TECHNOLOGY
SURVEY**

October 1995

Prepared for the Information Technology Committee of
the Georgia Technical Institutes Presidents Council by
the Occupational Research Group at
The University Of Georgia

The Georgia Department of Technical and Adult Education
1800 Century Place
Atlanta, Georgia

**GEORGIA TECHNICAL INSTITUTE
INFORMATION TECHNOLOGY SURVEY**

Name of Institute: _____

Distance Learning Coordinator: _____
Name Title

Satellite Coordinator: _____
Name Title

Network Coordinator: _____
Name Title

**GO TO SECTION XIX FOR LIBRARY RELATED QUESTIONS
SECTION XX FOR TECHNICAL SUPPORT SERVICES RELATED QUESTIONS**

Director of Library (Media Spec.) _____
Name Title

SECTION I: GEORGIA PUBLIC TV (GPTV)

1. Do you use utilize the services of Georgia Public Television (GPTV)?

1. ☐ YES 2. ☐ NO

SECTION II: SATELLITE DISHES

1. Do you have a satellite receiving (down-link) dish?

1. ☐ YES 2. ☐ NO (If NO, go to section III)

2. Number of satellite dishes:

1. ☐ One dish 4. ☐ Four Dishes
2. ☐ Three Dishes 5. ☐ Five or more dishes
3. ☐ Two Dishes

3. Type of Dish(es):

1. ☐ Fixed 2. ☐ Steerable

SECTION III: CABLE TELEVISION (CTV)

1. Does your service area have Cable Television (CTV) availability?

1. ☐ YES 2. ☐ NO (If no, go to section IV)

2. Do you have CTV service to your institute?

1. ☐ YES

2. ☐ NO

3. Do you utilize the Educational Channel of your CTV provider?

1. ☐ YES

2. ☐ NO

SECTION IV: CLOSED CIRCUIT TELEVISION (CCTV)

1. Is your institute wired for Closed Circuit Television (CCTV)?

1. ☐ YES

2. ☐ NO

2. If NO, do you intend to utilize CCTV in the future?

1. ☐ YES

2. ☐ NO

SECTION V: VIDEO DISTRIBUTION AND PRESENTATION SYSTEMS

1. Do you have a school television station or broadcast studio?

1. ☐ YES

2. ☐ NO

2. If NO, do you intend to have a school television station or broadcast studio?

1. ☐ YES

2. ☐ NO

SECTION VI: MICROWAVE TOWERS

1. Do you have microwave towers available in your service area?

1. ☐ YES

2. ☐ NO

SECTION VII: DISTANCE LEARNING

1. Do you have classrooms set up for tele-learning?

1. ☐ YES

2. ☐ NO

2. How many classrooms are set up for tele-learning?

1. ☐ One

4. ☐ Four

2. ☐ Two

5. ☐ Unknown

3. ☐ Three

SECTION VIII: DISTANCE LEARNING EQUIPMENT

1. Do you have distance learning equipment for individuals or groups?

1. ☐ YES 2. ☐ NO

2. What type of equipment is available?

1. ☐ GSAMS
2. ☐ Local Setup
3. ☐ Other _____

SECTION IX: TELEPHONE REGISTRATION

1. Do you have a telephone student registration system?

1. ☐ YES 2. ☐ NO

SECTION X: DESKTOP VISUAL COMMUNICATIONS (DVC)

1. Are you using of Desktop Visual Communications (DVC)?

1. ☐ YES 2. ☐ NO (If NO, go to section XI).

2. In what capacity or purpose?

1. ☐ Instruction 4. ☐ Advertisement
2. ☐ Recruitment 5. ☐ Conference
3. ☐ Correspondence 6. ☐ Other _____

SECTION XI: ELECTRONIC COMMUNICATIONS

Please indicate if you use any of the following:

1. Peachnet

1. ☐ YES 2. ☐ NO

2. In what capacity or purpose?

1. ☐ Email 6. ☐ To get into DTAE network files
2. ☐ ERIC 7. ☐ To get into DOAS Communications
3. ☐ Gopher 8. ☐ To access and transmit information
4. ☐ Go-Net 9. ☐ Other _____
5. ☐ WWW

3. Internet

1. ☐ YES

2. ☐ NO

4. In what capacity or purpose?

1. ☐ Email

2. ☐ ERIC

3. ☐ Gopher

4. ☐ Go-Net

5. ☐ WWW

6. ☐ To get into DTAE network files

7. ☐ To get into DOAS Communications

8. ☐ To access and transmit information

9. Other _____

5. How many computer labs? _____

SECTION XII: COMPUTER PLATFORM

Will you be using: (Check all that apply).

1. ☐ 386 computer platforms?

2. ☐ 486 computer platforms?

3. ☐ AIX(Unix) computer platform?

4. ☐ IBM computer platform?

5. ☐ IBM compatible computer platform?

6. ☐ Apple/Macintosh computer platform?

7. ☐ Pentium computer platform?

8. ☐ AS/400 computer platform?

9. ☐ RISC/6000 computer platform?

10. Other _____

SECTION XIII: APPLICATION SOFTWARE USED (Check all examples that apply)

1. Database Packages:

1. ☐ DBASE

2. ☐ FOXPRO

3. ☐ MICROSOFT ACCESS

4. Other(s) _____

2. Instructional Packages:

1. ☐ AUTOCAD

2. Other(s) _____

3. Disk Operating Packages:

1. ☐ DOS

2. ☐ WINDOWS

3. ☐ OS2

4. ☐ UNIX

5. Other(s) _____

4. **Presentation Packages:**

1. ☐ HARVARD GRAPHICS
2. ☐ POWERPOINT
3. ☐ COMPEL
4. Other(s) _____

5. **Spreadsheet Packages:**

1. ☐ EXCEL
2. ☐ LOTUS
3. Other(s) _____

6. **Word Processing Packages:**

1. ☐ WORDPERFECT
2. ☐ Microsoft Word
3. Other(s) _____

7. Do you have multimedia equipment?

1. ☐ YES
2. ☐ NO

8. Indicate the multimedia presentation or authoring software used _____

9. Indicate type of network servers.

1. ☐ IBM
2. ☐ Novell System
3. ☐ RISC
4. Other _____

10. Indicate type of network software your school is currently using.

1. ☐ AIX
2. ☐ IBM LAN
3. ☐ Novell
4. ☐ Unix
5. Other _____

11. What type of data backbone are you using?

1. ☐ Fiber
2. ☐ Coaxial
3. ☐ Twisted pair
4. Other _____

SECTION XIV: SOUND

1. Is there an institution-wide paging system?

1. ☐ YES
2. ☐ NO

SECTION XV: MOBILE EQUIPMENT

1. Do employees need remote access to computer services because of:

1. ☐ Correspondence
2. ☐ E-Mail
3. ☐ Library access

4. ☐ Out of town work
5. ☐ Other _____

SECTION XVI: SECURITY

1. What kind of security system do you have?

1. ☐ Burglar Alarm
2. ☐ Cameras
3. ☐ Card Access

4. ☐ Guards
5. ☐ Other _____

2. Do you use video surveillance?

1. ☐ YES

2. ☐ NO

SECTION XVII: MEDIA

1. What types of medium are currently being used? (Check all that apply).

1. ☐ VHS
2. ☐ Super-VHS
3. ☐ Still Video
4. ☐ Laser Disc
5. ☐ CD-Rom
6. ☐ Other _____

SECTION XVIII: MISCELLANEOUS

1. Do you have a technology committee at your institute?

1. ☐ YES

2. ☐ NO

SECTION XIX: LIBRARY RELATED QUESTIONS

(To be completed by library/media services personnel)

1. Do you have contracts for access to other libraries?

1. ☐ YES

2. ☐ NO

2. If so, with which institutions? _____

- 7

16. Number of CD-ROM work stations in the library:

- | | |
|---------------------------------------|---|
| 1. <input type="checkbox"/> None | 3. <input type="checkbox"/> Between 4 and 6 |
| 2. <input type="checkbox"/> 3 or less | 4. <input type="checkbox"/> 7 or more |

17. Do you have the following library automation software: (Check all that apply)

- | | |
|---|---|
| 1. <input type="checkbox"/> None | 4. <input type="checkbox"/> Proquest |
| 2. <input type="checkbox"/> Bibliofile | 5. <input type="checkbox"/> Other (specify) _____ |
| 3. <input type="checkbox"/> Library Works | _____ |

SECTION XX: TECHNICAL SUPPORT SERVICES

1. How do you provide technical support services for your institution? Check all that apply:

1. ☐ Reassigned teaching position
2. ☐ Employed out of local funds
3. ☐ Employed part-time from local funds
4. ☐ Requested and obtained from state funds
5. ☐ Teaching/staff handles as can
6. ☐ Do not have anyone assigned to this responsibility
7. ☐ Split teacher position
8. ☐ Other (explain) _____

2. If you have a full-time position, what level of experience would you require?

1. ☐ Less than 3 years
2. ☐ 3 years or higher
3. ☐ Other _____

3. If you have a full-time position, what level of education would you require?

1. ☐ Less than 4 years of higher education
2. ☐ 4 years or more of higher education
3. ☐ Other _____

4. What salary range would you suggest for technical support personnel?

1. ☐ Less than \$30,000
2. ☐ \$30,000 and above but less than \$40,000
3. ☐ \$40,000 and above but less than \$50,000
4. ☐ Other (specify) \$ _____

Thank you for completing this survey